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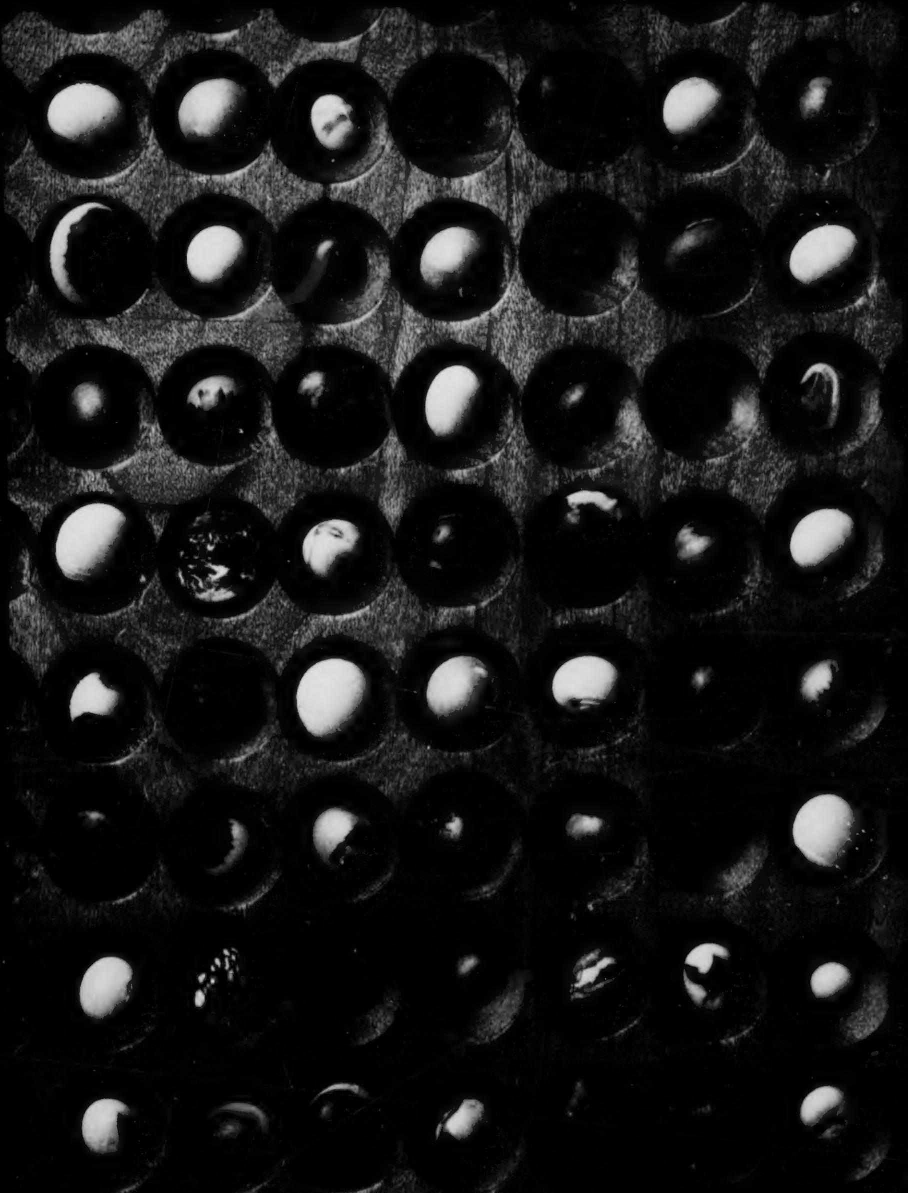
'92 Soya Bluebook

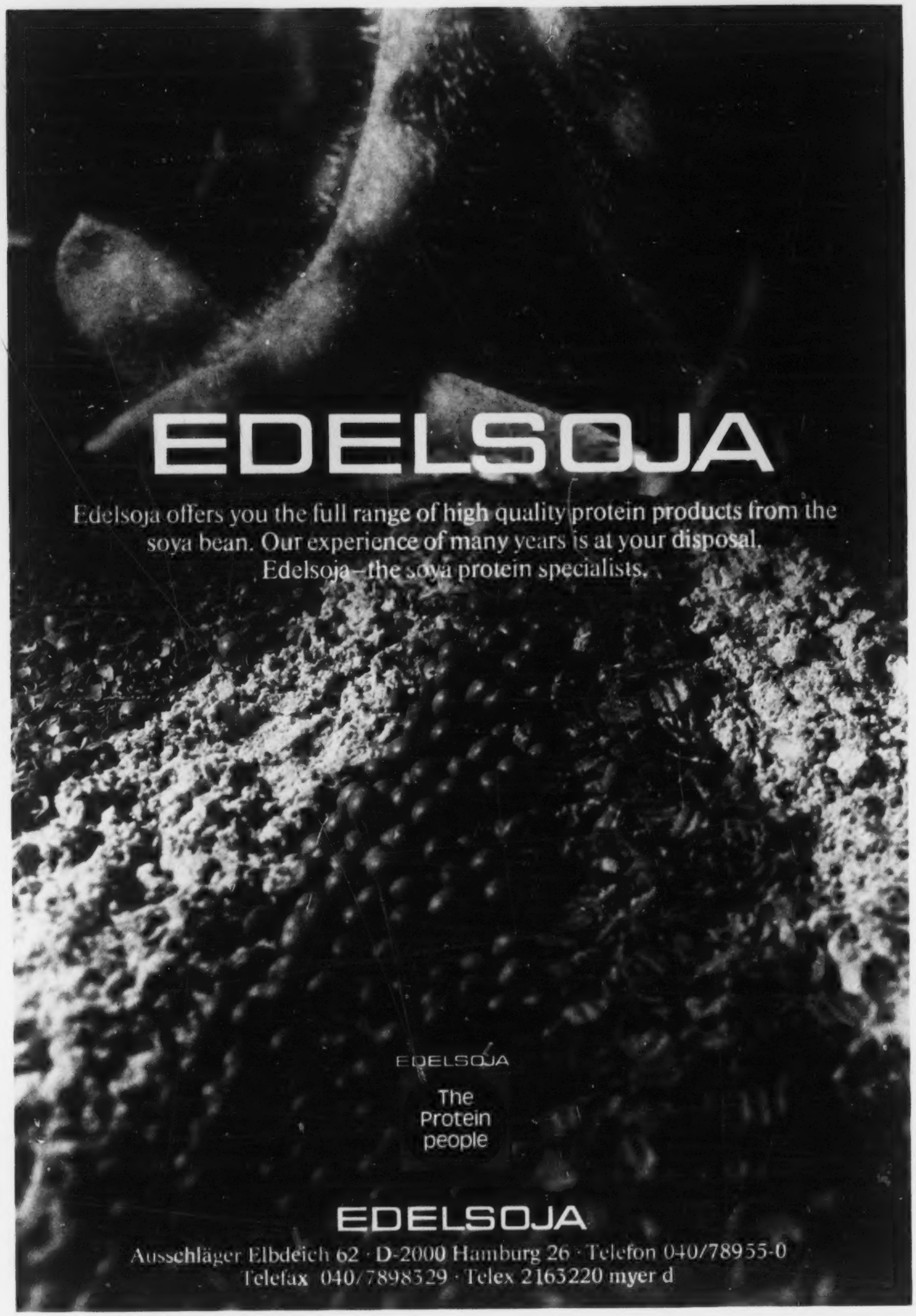
A Soyatech Publication



Nº1 in Lecithin
Lucas Meyer

Lucas Meyer

Ausschlager Elbdeich 62 · D-2000 Hamburg 26 · Telefon 040/78955-0
Telefax 040/7898329 · Telex 2163220 myer d



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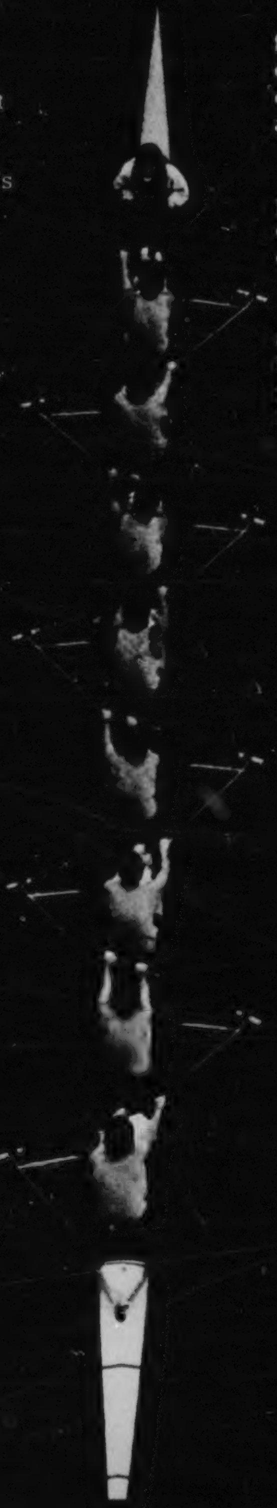

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United Kingdom
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Oficina No. 401
Cuidad de Guatemala
01010 Guatemala
Telephone/Fax (502-2) 337239

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WURSTER & SANGER DIVISION
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Minneapolis, Minnesota 55440-1364
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Forward

Recent changes in the world's political situation and the realities of global economics dictate that all companies or individuals — be they processors, marketers, buyers, traders, researchers, or suppliers to the industry — have access to the latest information on the world's soya trade. This is the role of **Soya Bluebook**.

Compiled over the past year and resulting from over 4,000 information requests, The **'92 Soya Bluebook** contains detailed information on over 1400 companies or organizations, including over 800 new or updated listings.

In addition to providing information on processors and marketers of soybeans and other soya-based products, as well as suppliers of equipment, supplies or services to the industry, the '92 Soya Bluebook contains 50 tables and graphs depicting soybean production, processing and utilization from around the world. There are also processing flow charts, as well as a newly expanded *Soya Glossary*, defining terms commonly associated with soybean processing.

Because of the increasing pressure on the world's food supply and a real need to make our processing industries more efficient, those involved in the research, production, processing, trading or marketing of soybeans should participate in the world-wide network created by the Soya Bluebook. If you are not currently a lister and would like to become one, please contact Soyatech at the address below for information. All listings are provided free of charge to qualified industry members.

We at Soyatech believe that we are playing an important and supportive role in the continuing evolution of the world's soya trade, and as a result are making a positive contribution to the well-being of our planet. We welcome your comments as well as suggestions for future editions.

Peter Golbitz, Publisher

Soya Bluebook is published annually by **Soyatech, Inc.** Listings are provided free of charge to qualified members of the soybean industry. Every effort has been made to present a publication free of errors and/or omissions. In the event either occur, please contact the publisher of *Soya Bluebook* so corrections can be made in future editions. For additional copies of *Soya Bluebook* ($38, U.S., Canada and Mexico; $48 all other countries), contact **Soyatech, Inc.** For advertising rates and information, contact *Soya Bluebook* advertising sales manager. All inquiries should be directed to:

soyatech

Soyatech, Inc.
318 Main Street, P.O. Box 84
Bar Harbor, ME 04609 U.S.A.
Phone: 207/288-4969
Fax: 207/288-5264

Soya Bluebook
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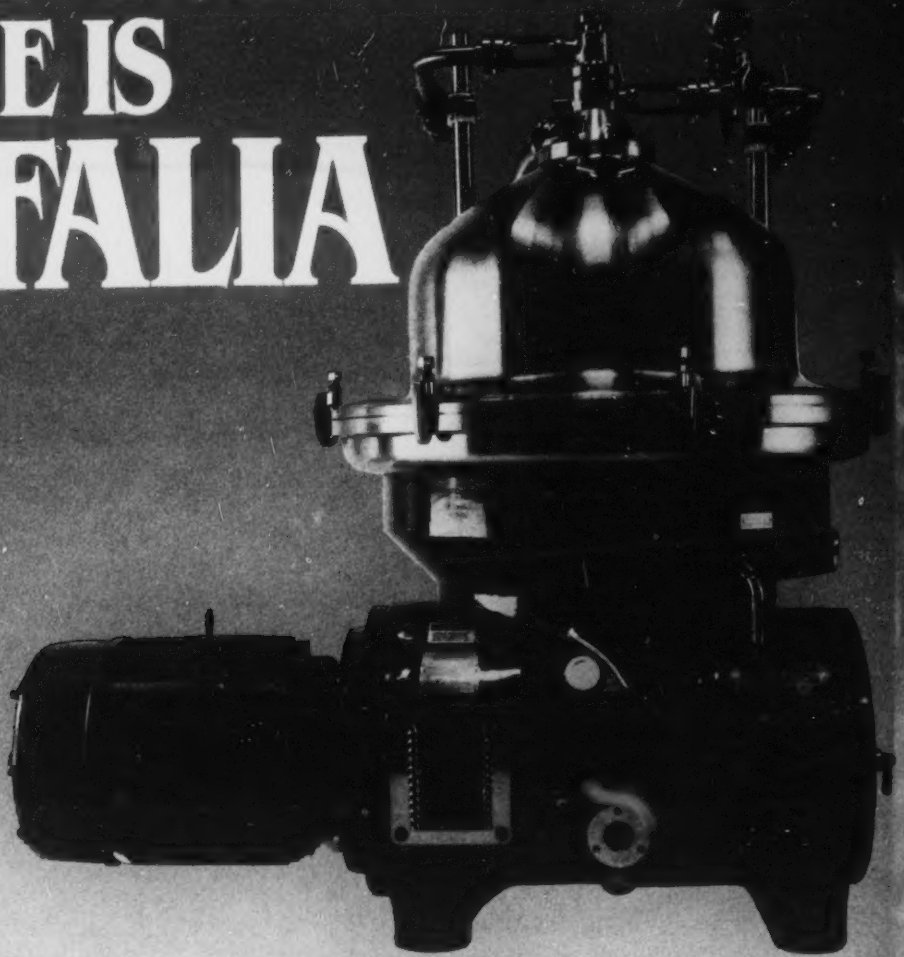
IN REFINING SEPARATORS THE NAME IS WESTFALIA



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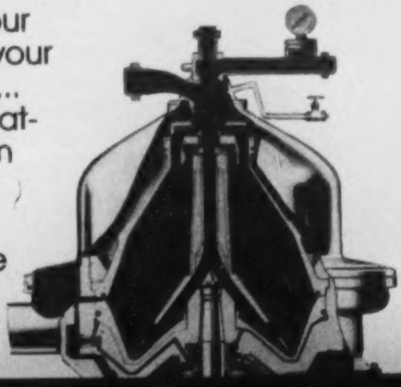

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Centrico, Inc.
100 Fairway Court Northvale, N.J. 07647
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Table of Contents

▼ Organizations and Government Agencies

COUNTRY INDEX 11
COMPLETE LISTINGS BY COUNTRY 12

▼ Processors and Marketers of Soybeans and Other Soy-Based Products

WHITE PAGES
SOYA PRODUCT INDEX 23
COMPANIES LISTED BY SOYA PRODUCT 24

CATALOG PAGES
SOYA PRODUCT SPECIFICATION SHEETS 47

YELLOW PAGES
COUNTRY INDEX 59
COMPLETE COMPANY LISTINGS BY COUNTRY 60

▼ Equipment, Supplies and Services

WHITE PAGES
EQUIPMENT, SUPPLY OR SERVICE INDEX 101
COMPANIES LISTED BY PRODUCT 103

CATALOG PAGES
EQUIPMENT OR SUPPLY SPECIFICATION SHEETS 143

YELLOW PAGES
COUNTRY INDEX 151
COMPLETE COMPANY LISTINGS BY COUNTRY 152

▼ Soya Statistics

TABLE AND GRAPH INDEX 179
TABLES AND GRAPHS 180

▼ Soya Reference

SOYA GLOSSARY 210
STANDARDS & SPECIFICATIONS 213
SOYA TECHNICAL CHARTS & TABLES 219

▼ Indexes

COMPREHENSIVE INDEX 226
ADVERTISER INDEX 238

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49 (6241) 403.0
Telex #467724 (GRACE D)

Far East, Hong Kong
852 (5) 243-192
Telex #73663 (DAREX HX)

South America, Brazil
(55) 11-832-1288
FAX (55) 11-832-2058

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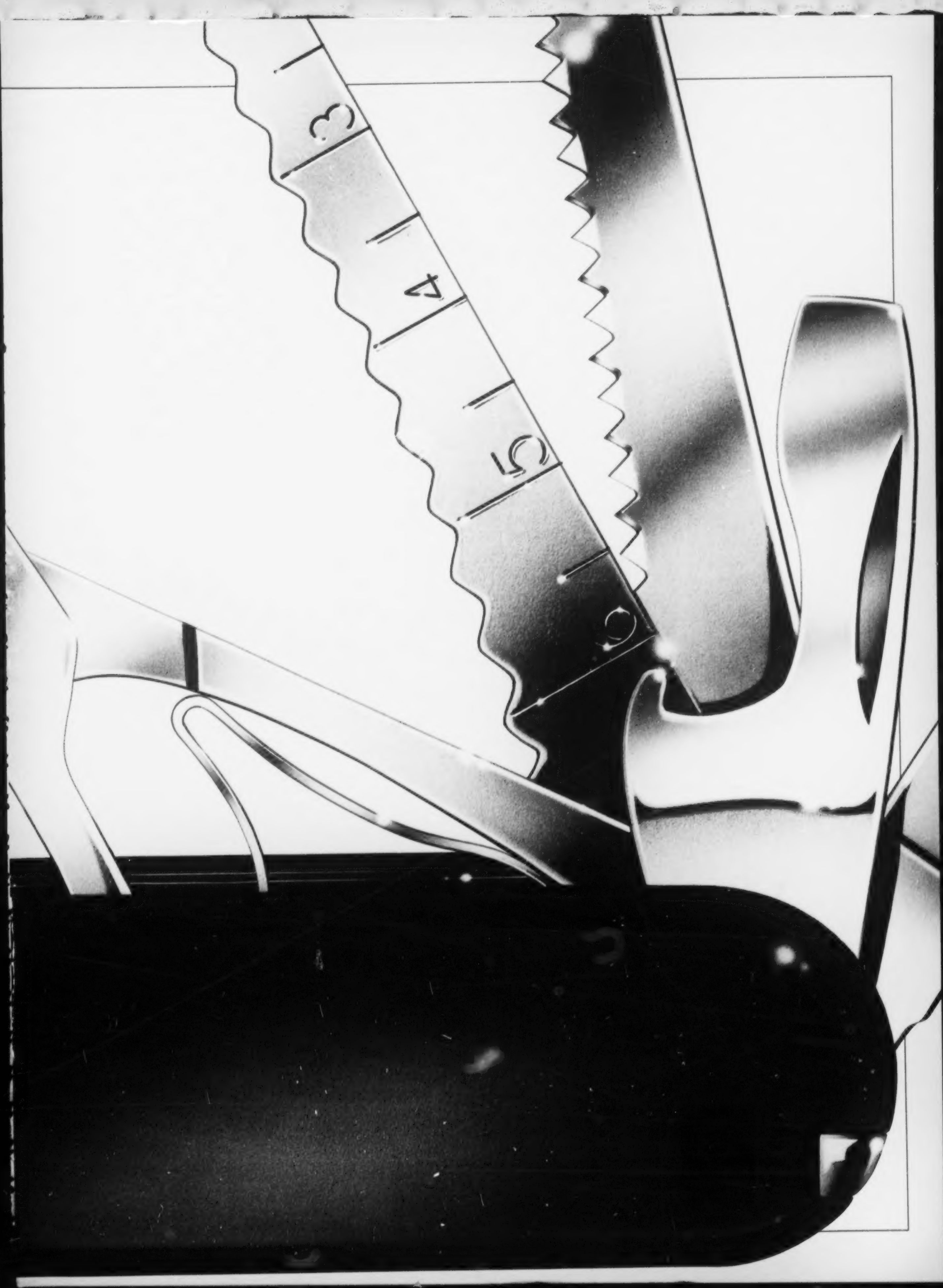
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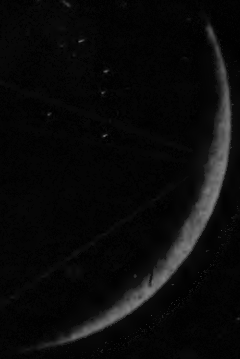
4
5
6



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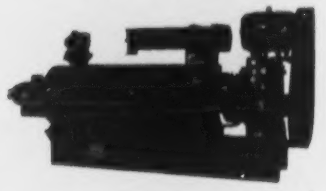

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Champaign, IL 61826-3489 USA
Fax: 217/351-8091
Call Myra Hall collect at: 217/359-2344

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Organizations and Government Agencies

Trade Associations, Organizations and Agencies Involved in Soya Market Development, Trade or Education

ORGANIZATION LISTINGS BY COUNTRY

Country Index

Argentina 12
Austria 12
Belgium 12
Brazil 12
Bulgaria 13
Canada 13
China, People's Republic of 13
Costa Rica 13
Cyprus 13
Czechoslovakia 13
Egypt 13
El Salvador 13
England 13
France 14
Germany 14
Guatemala 14
Honduras 15
Hungary 15
India 15
Indonesia 15
Italy 15
Jamaica 15
Japan 16
Korea, Republic of (South) 16
Mexico 16
Morocco 17
Netherlands 17
Nicaragua 17
Nigeria 17
Pakistan 17
Panama 17
Peru 17
Philippines 17
Poland 17
Portugal 18
Romania 18
Russia 18
Singapore 18
Spain 18
Sri Lanka 18
Sweden 18
Taiwan 18
Tunisia 19
United States of America (U.S.A.) .19
Venezuela 22
Yugoslavia 22
Zimbabwe 22

ARGENTINA

Centro de Investigación y Desarrollo en Criotechnologia de Alimentos (CIDCA) ★★

Calle 47 y 116, (1900) La Plata, ARGENTINA;
PH: 54/021/25-4853;
FAX: 54/021/25-4853.
FOUNDED: 1973
MEMBERSHIP: 50 individuals.
OBJECTIVES & ACTIVITIES: To carry out research and development in processing and preservation of foods, mainly by cooking, and the further transfer of the newly developed knowledge and technology to the production area.
PUBLICATIONS: Journal of Agricultural and Food Chemistry, Cereal Chemistry, Journal of American Oil Chemists Society, Journal of Cereal Science, Journal of Food Science, etc.

AUSTRIA

American Soybean Association — Central Europe ★

Gatterburggasse 18/2/3,
A-1190 Vienna, AUSTRIA;
PH: 43/1/369-8218; FAX: 43/1/369-8219.
CONTACT: Steven B. Nemeth, Dir.
OBJECTIVES & ACTIVITIES: Represents the interests of U.S. soybean farmers with the goal of increasing the use of soybeans and products to better feed the people of the world.

Verband der Futtermittelindustrie ★

Zaunergasse 1-3, Postfach 144,
Vienna A-1037 , AUSTRIA;
PH: 0222/722121; TLX: 131247 (NAHRUNGA).
CONTACT: Klaus Manfred Smolka Klug
FOUNDED: 1946
MEMBERSHIP: 8 firms or organizations; Austrian mixed feed manufacturers.
OBJECTIVES & ACTIVITIES: Represent the interests of members.
PUBLICATIONS: Ernahrung, monthly, OS-650.

BELGIUM

American Soybean Association — West Europe ★

20-22 Rue du Commerce, Box 4, 1040 Brussels, BELGIUM;
PH: 32/2/5026210; FAX: 32/2/5026866.
CONTACT: Joe R. Zak, Dir.
OBJECTIVES & ACTIVITIES: Represents the interests of U.S. soybean farmers with the goal of increasing the use of soybeans and products to better feed the people of the world.

Association Internationale de la Savonnerie et de la Detergence (AIS) ★

(International Association of the Soap and Detergent Industry)
Square Marie Louise 49,
Brussels B-1040, BELGIUM;
PH: 32/2/230-8371; FAX: 32/2/230-8288.
CONTACT: Pierre V. Costa, Secy. Gen.
FOUNDED: 1952
MEMBERSHIP: 18 national associations (Western Europe & Australia) representing more than 600 companies which are active in the soap and detergent sector of industry.
OBJECTIVES & ACTIVITIES: To examine all questions relating to the industry concerned with soaps, detergents and related products; to promote the common interests and knowledge of the industry represented by its member associations; to seek collective solutions to problems of common concern relating to human and environmental health; to represent the member associations in dealing with competent professional or supranational official bodies; to cooperate, as far as possible, with supranational authorities in the preparation of regulations which could affect the activities of the industry which it represents; to provide guidance for the member associations by its recommendations; to collect, exchange and disseminate all information necessary for the achievement of its objects; and in the achievement of its objects, the Association will ensure that the proposed measures will not interfere with free competition.
PUBLICATIONS: AIS Bulletin, bi-monthly, reserved to members; directories available from National Associations; Annual Statistical Tables, annual, edition 1989/90 B.F. 7,000.

Association Professionnelle des Fabricants d'Aliments Composes

(Belgian Association of Compound Feed Industry [BEFI])
Gasthuistraat 31, Brussels B-1000, BELGIUM;
PH: 32/2/512-0955; FAX: 32/2/514-0351.
CONTACT: Yuan de Jaegher, Dir.
FOUNDED: 1944
MEMBERSHIP: 85 firms or organizations; animal feed factories.
OBJECTIVES & ACTIVITIES: Dispatching of information regarding the sectors involved with animal feed; organizing conferences; having conferences with government agencies about the implementation of agricultural policy.

EEC Seed Crushers and Oil Processors Federation (FEDIOL) ★

Rue de la Loi 74. Bte. 4,
Brussels 1040, BELGIUM;
PH: 32/2/230-3125; TLX: 23628 (OLMA);
FAX: 02/230-2274.
CONTACT: Pascal Cogels
FOUNDED: 1958
MEMBERSHIP: 10 national associations of the seed crushing and oil processing industry of the EC member states.
OBJECTIVES & ACTIVITIES: To defend the interests, on the EC level, of the seed crushing industry and the crude oil and fat processing industry (vegetable and marine).

European Feed Manufacturers' Association (FEFAC) ★

Rue de la Loi, 223, Bte. 3,
Brussels 1040 , BELGIUM;
PH: 32/2/230-8715; FAX: 32/2/230-5722.
CONTACT: Andre P. Namur, Secy. Gen.
FOUNDED: 1959
MEMBERSHIP: 10 member associations & 2 correspondent members, 3 observer members.
OBJECTIVES & ACTIVITIES: To promote the interests of the compound feed trade and the European livestock farmer; to ensure that the views of the compound feed manufacturers are fully represented and to enhance their reputation and that of FEFAC; to take action for the improved understanding of the role and the importance of the feed industry; to protect the industry from unfair practices & discrimination.
PUBLICATIONS: Feed and Food, annually, 1500. FB; Panorama, monthly; Feed Lex, 3 times/year.

EUVEPRO ★

172/6 Avenue de Cortenbergh,
Brussels 1040, BELGIUM;
PH: 02/735-81/70 FAX: 02/736/81/75
CONTACT: J. Hallaert, Sec. Gen.
FOUNDED: 1977
MEMBERSHIP: Direct membership of individual com., associated membership of national federations.
OBJECTIVES & ACTIVITIES: Provide representation and promotion of the interests of vegetable protein producers and users.

Federation des Fabricants D'Huiles de Belgique

(Federation of Belgian Oil Manufacturers)
74 Rue de la Loi Boite 4,
B-1040 Brussels, BELGIUM;
PH: 32/2/230-1192; TLX: 23628 (OLMA B).
CONTACT: Maritta Boetman, Secy.
FOUNDED: 1945
MEMBERSHIP: 9 firms; oilseed processors.

International Federation of Margarine Associations (IFMA)

Rue de la Loi 74, Bte. 3,
Brussels 1040, BELGIUM;
PH: 32/2/230-4810; TLX: 23-628 (OLMA B).
CONTACT: Ivan Hodac, Secy. Gen.
FOUNDED: 1958
MEMBERSHIP: 22 firms representing margarine producers and their national associations.
OBJECTIVES & ACTIVITIES: Enable member associations to collaborate on the solution of common problems of the margarine industry and promote and defend the interests of this industry.
PUBLICATIONS: Newsletter, 6 issues/yr, free; Annual General Meeting Report, annually BF500.

BRAZIL

ABIOVE—Associação Brasileira das Inds. Oleos Vegetais ★

(Brazilian Vegetable Oil Industries Association)
SCS ED Baracat S1s804/805, 70.309
Brasilia-DF, BRAZIL;
PH: 061/321-0800; FAX: 321-0171;
TLX: 612763.
CONTACT: Raul Paulo Costa, Exec. Pres.
FOUNDED: 1981
MEMBERSHIP: 62 oilseed processors or vegetable oil refineries.
OBJECTIVES & ACTIVITIES: To represent and support the interests of Brazilian crushers and refiners, and to collaborate with the Brazilian Government to aid development of socio-economic policies.
PUBLICATIONS: Informativo ABIOVE, monthly, free.

BULGARIA

DSO Zarneni Hrani I Furazhna (GA)
Promishlenost, Blvd. A Stamboliyski 9, 1000
Sofia, BULGARIA;

CANADA

Centre de Recherche Industrielle du Quebec (CRIQ) (GA)
(Industrial Research Center of Quebec)
333 Franquet, Sainte-Foy G1V 4C7,
Quebec, CANADA;
PH: 418/652-2228; FAX: 418/652-2251;
TLX: 051-31569.
CONTACT: Louise Laflamme, Mkting. Analyst
FOUNDED: 1970
MEMBERSHIP: 450 ind.; 2 organizations.
OBJECTIVES & ACTIVITIES: Give assistance to Canadian manufacturers; marketing information, marketing research, diversification, etc., technical information or R&D.
PUBLICATIONS: Innovation, 3 times/yr., no cost.

Institute of Edible Oil Foods ★
885 Don Mills Road , Suite 301, Don Mills
M3C IV9, Ontario, CANADA;
PH: 416/510-8036; FAX: 416/510-8044.
CONTACT: Linda Reid, Mgr.
FOUNDED: 1954
MEMBERSHIP: 10 companies consisting of growers, crushers and refiners of oilseeds, and manufacturers of edible oil products in Canada.
OBJECTIVES & ACTIVITIES: To represent members' "common interests" through government consultation and other consumer and trade issues where applicable—a nonprofit association.

Ontario Soybean Growers' Marketing Board ★
180 Riverview Drive, P.O. Box 1199, Chatham
N7M 5L8, Ontario, CANADA;
PH: 519/352-7730; FAX: 519/352-8983.
CONTACT: Fred Brandenburg, Secy. Mgr.
FOUNDED: 1949
MEMBERSHIP: 25,000 individuals; soybean producers in the Province of Ontario, Canada.
OBJECTIVES & ACTIVITIES: To achieve the best possible financial returns for the soybean grower and ensure the long-term viability of the soybean industry in Canada.
PUBLICATIONS: Newsletter, bimonthly, no cost.

Plenty, Canada ★
RR #3, Lanark K0G 1K0, Ontario, CANADA;
PH: 613/278-2215; FAX: 613/278-2416.
CONTACT: M. Jeyabalan, Ag Program Officer
FOUNDED: 1976
MEMBERSHIP: 15 individuals working in third-world countries and home office staff of 13.
OBJECTIVES & ACTIVITIES: Plenty Canada is a non-profit international development organization working in Central America, Africa, Asia and the Caribbean. Our emphasis is on self-help projects that lead to long-term development in gravity fed water systems, sanitation and nutrition education, soy agriculture, etc,.
PUBLICATIONS: "Contact" Plenty, quarterly, free to donors.

CHINA, PEOPLE'S REPUBLIC OF

American Soybean Association — People's Republic of China ★
Room 1323, 13th Floor, China World Tower,
No. 1 Jianguomenwai Ave., Beijing 100004,
CHINA, PEOPLE'S REPUBLIC OF;
PH: 86/1/505-1830 or 505-1831;
FAX: 86/1/505-2201.
CONTACT: Don H. Bushman, Dir.
OBJECTIVES & ACTIVITIES: Represents the interests of U.S. soybean farmers with the goal of increasing the use of soybeans and products to better feed the people of the world.

COSTA RICA

Consejo Nacional de Produccion (CNP) (GA)
P.O. Box 2205, San Jose 1000, COSTA RICA;
PH: 506/23-6033, ext. 273. FAX: 506/
339660; TLX: 376/2273 (CONAPRO).
CONTACT: Raul Gillot Fallas, Gen. Mgr.
FOUNDED: 1948
MEMBERSHIP: 50 individuals; small/medium farmers and animal food producers.
OBJECTIVES & ACTIVITIES: Price stabilization, production incentives and technical assistance.

CYPRUS

American Soybean Association — Middle East and Africa ★★
Contact ASA headquarters in St. Louis, MO
USA for address., CYPRUS;
CONTACT: Richard Row, Dir.
OBJECTIVES & ACTIVITIES: Represents the interests of U.S. soybean farmers with the goal of increasing the use of soybeans and products to better feed the people of the world.

CZECHOSLOVAKIA

KOOSPOL A.S. (GA)
Leninova 178, Prague 6, CZECHOSLOVAKIA;
PH: 42/2/366-355; TLX: 121121 (KOOS C).
CONTACT: Josef Chalupa, Dir.
OBJECTIVES & ACTIVITIES: Trading of soybeans and soybean meal pellets.

Zemedelske Zasobovani A Nakup (GA)
Generalni Reditelstvi, Praha 1, Opletalova 4,
CZECHOSLOVAKIA;
PH: 42/265-741; TLX: 121135.
CONTACT: Milos Protiva, Dir.

EGYPT

General Authority for Supply Commodities (GA)
Ministry of Supply & Home Trade, 24 Gomhoria
Street, Cairo, EGYPT;
PH: 937175; TLX: 2062.

EL SALVADOR

Asociacion de Ganaderos de El Salvador (AGES)
(Cattlemen's Association of El Salvador)
6a. 10a. Calle Pte. No. 1833, Col. Flor Blanca,
San Salvador, EL SALVADOR;
PH: 503/233980; TLX: 20213 (INAGRO).
CONTACT: Arturo Muyshondt, Pres.
MEMBERSHIP: 24 individuals and companies involved in livestock operations.
OBJECTIVES & ACTIVITIES: Group all livestock owners into one organization; sell veterinary medicines, feed compounds and other livestock related products.
PUBLICATIONS: Revista AGES, yearly, free to members.

Instituto Regulardo de Abastecimientos (GA)
Edif. Prodisa, 7-A Av. Norte, Psj. 3 Cntr-
Gobierno, San Salvador, EL SALVADOR;

ENGLAND

The Federation of Oils, Seeds and Fats Associations Ltd. (FOSFA International) ★
19-21 Bury Street,
London EC3A 5AU, ENGLAND;
PH: 44/71/283-5511; FAX: 44/71/623-1310;
TLX: 8812757.
CONTACT: William N. King, Editor
FOUNDED: 1971
MEMBERSHIP: 9 individuals and 560 firms or organizations.
OBJECTIVES & ACTIVITIES: A contract issuing and arbitration body.
PUBLICATIONS: FOSFA International Manual Pt. I & II, £240 to non-members.

The GAFTA Soya Bean Meal Futures Association, Ltd.
Baltic Exchange Chambers, 24/28 St. Mary
Axe, London EC3A 8EP, ENGLAND;
PH: 44/01/283-5146; TLX: 886984 (GAFTAG).
CONTACT: William J. Englebright, Secy.
FOUNDED: 1919
MEMBERSHIP: 680 firms associated with the worldwide food industry.
OBJECTIVES & ACTIVITIES: Promote improvements in the scientific and technical fields of the international food industry by providing routine and special analysis, long-term research, new product development, consulting, information, databases and databanks, publications, training and conferences.
PUBLICATIONS: Numerous publications for purchase by members and non-members; list available.

Leatherhead Food Research Association
Randalls Road, Leatherhead,
Surrey, ENGLAND;
PH: 44/372/376761; FAX: 44/372/386228;
TLX: 929846 (FOODRA G).
CONTACT: J. R. Swift, Sales Mgr.
FOUNDED: 1919
MEMBERSHIP: 75 food manufacturers, and ingredient and equipment suppliers and retailers.
OBJECTIVES & ACTIVITIES: Research and information services to enable member companies to operate more efficiently and with enhanced food safety.
PUBLICATIONS: Abstracts Journal, Food Science & Technology, monthly, $240/yr; Legislation manuals, regular updates; various prices; other publications available upon request.

Margarine & Shortening Manufacturers' Association ★
6 Catherine Street,
London WC2B 5JJ, ENGLAND;
PH: 44/071/836-2460; TLX: 299388 (FDF 9);
FAX: 44/071/836-0580.
CONTACT: Angela Bowden, Secy. Gen.
MEMBERSHIP: 12 firms or organizations. All manufacturers of margarine and shortening in the United Kingdom.
OBJECTIVES & ACTIVITIES: To promote the interests of the margarine and shortening industry in the United Kingdom.

FRANCE

Centre Technique Interprofessionnel des Oleagineux Metropolitains (CETIOM) ★
(Association of French Oilseed Producers)
174 Avenue Victor Hugo,
75116 Paris, FRANCE;
PH: 44347200; TLX: 611-907 (SIDO);
FAX: 47559409.
CONTACT: A. Pouzet
FOUNDED: 1957
MEMBERSHIP: 110 individuals representing associations of oilseed producers in France.
OBJECTIVES & ACTIVITIES: Perform applied production research for all oilseeds; extension and development.
PUBLICATIONS: Informations Techniques, 4 times/yr, ƒ50/yr; Oleoscope, 6 times/yr, ƒ210/yr.

Federation AMSOL ★
12, Avenue George V, 75008 Paris, FRANCE;
PH: 33/14/720-1014; FAX: 33/14/720-2848;
TLX: 613683 (AGRISEM).
CONTACT: Jean-Loup Helle, Dir.
FOUNDED: 1948
MEMBERSHIP: 130 seed breeding and seed producing firms (oilseeds and proteinseeds).
OBJECTIVES & ACTIVITIES: To promote and represent the general business interests of our members.

Fédération du Négru Agricole (INAC)
256, Bourse du Commerce,
Paris 75040, FRANCE;
PH: 33/42/33.21.81; FAX: 33/42/36.90.45.
CONTACT: Director
FOUNDED: 1946
MEMBERSHIP: 1200 private firms involved in agricultural merchandising (a link between producers and processors).
OBJECTIVES & ACTIVITIES: Insuring the promotion of the industry, products and market services as well as providing fiscal, social, medical and economic services to its members. Also, as a financial organization, insuring the financial security of the industry.
PUBLICATIONS: Negru et Agriculure, monthly, ƒ480 (HT).

ONIDOL - SOJA
5 Bld. de la Mediterranée,
Toulouse 31400, FRANCE;
PH: 33/61/53-8180; TLX: 531477 (F);
FAX: 61/55-0837.
CONTACT: Prudon Emmanuel, Ingenieur
FOUNDED: 1978
MEMBERSHIP: Families involved in oilseeds production and use/producers; industrials in seeds, seed storage and transformation.
OBJECTIVES & ACTIVITIES: Organizing production; developing uses of soy products.
PUBLICATIONS: L'Inoculum, quarterly, 60 f/yr.

Organization Nationale Interprofessionnelle des Oleagineux (ONIDOL)
(National Oilseeds Organization)
12, Avenue George V, Paris 75008, FRANCE;
PH: 33/1/47208055; TLX: 612575.
CONTACT: Mkting. Dir.
FOUNDED: 1975
MEMBERSHIP: 7 organizations which represent oilseed production, processing and marketing.
OBJECTIVES & ACTIVITIES: Represent the interests of the oilseed market in the framework of the EEC rules and French legislation on interprofessional organizations.

Societe Interoleagineuse D'Assistance et de (GA)
Developpement (S.I.A.), Service Documentation, 12, Avenue George V,
Paris 75008, FRANCE;
PH: 60.69.68.00; FAX: 67.23.82.30.
CONTACT: Sophie Criton, Documentalist
FOUNDED: 1978
MEMBERSHIP: 80 individuals.
OBJECTIVES & ACTIVITIES: Lobby for oleogeanous.

GERMANY

American Soybean Association — North Europe ★
Pelzerstraße 13, 2000 Hamburg 1, GERMANY;
PH: 49/40/330516 or 336783;
FAX: 49/40/327122.
CONTACT: Dieter Kundrun, Acting Dir.
OBJECTIVES & ACTIVITIES: Represents the interests of U.S. soybean farmers with the goal of increasing the use of soybeans and products to better feed the people of the world.

Deutsche Gesellschaft fur Ernahrung (DGE)
(German Society of Nutrition)
Feldbergstrasse 28,
D-6000 Frankfurt 1, GERMANY;
PH: 069/720146.
CONTACT: Volker Peinelt, Food Scientist
FOUNDED: 1953
MEMBERSHIP: 1,700 individuals; 150 firms.
OBJECTIVES & ACTIVITIES: Advise in matters of nutrition for individuals and mass catering; sponsor scientific meetings and publications.
PUBLICATIONS: Ernahrungsuorschau, monthly, Ernahrungsbericht, every 4 years, Empfehlungen Fur Die Nahrstoffzufuhr, every 5 years. Numerous publications of data and research on various matters of nutrition; list available.

Deutsche Gesellschaft fur Fettwissenschaft e.V. ★
(German Society for Fat Science)
Soester Straße, 13,
D-4400 Münster, GERMANY;
PH: 0251/64745.
CONTACT: Dr. Heinrich Brüning
FOUNDED: 1936
MEMBERSHIP: 300 individuals; 150 firms.
OBJECTIVES & ACTIVITIES: Promote unity and common goals among different disciplines within the fats industry.
PUBLICATIONS: Fett Wissenschaft Technologie (Fat Science Technology), 14 times/yr., DM479,50.

Margarine-Institut für Gesunde Ernährung ★
Friesenweg 1, D-2000 Hamburg 50, GERMANY;
PH: 040/882091.
CONTACT: Ingo Witte, Dr.
FOUNDED: 1962
MEMBERSHIP: 13 margarine manufacturers.
OBJECTIVES & ACTIVITIES: To improve the image of vegetable premium margarine through PR activities by providing information on raw materials, manufacturing and product properties (include health aspects).
PUBLICATIONS: Pressedienst Margarine Institut (PDM) 6 times/yr, free of charge.

Nahrung Export-Import (GA)
Schicklerstrasse 7, 1020 Berlin, GERMANY;
PH: 37/2/21480; TLX: 114893.
CONTACT: Manfred Wolf, Gen. Dir.
OBJECTIVES & ACTIVITIES: Sole importer of soybeans and soybean products.

Verband Deutscher Oelmuhlen e.V. ★
Kronprinzenstrasse 24,
D-5300 Bonn 2, GERMANY;
PH: 0228-363056; FAX: 0228/361268;
TLX: 885830 (OELVB D).
CONTACT: Hanno Juhe, Secy. Gen.
FOUNDED: 1901
MEMBERSHIP: 1 individual, 17 firms active in the seed-crushing and oil refining business.
OBJECTIVES & ACTIVITIES: Representation of the industry and its interests to national authorities, legislative bodies and trade associations through membership in European and international trade associations.

Verein der Getreidehandler der Hamburger Borse e.V.
Borse-Kontor 24, Adolphsplatz 1,
D-2000 Hamburg 11, GERMANY;
PH: 49/40/362025; FAX: 49/40/362029;
TLX: 17/403968 (VDGH).
CONTACT: Ferdinand Kemme, Dir. Gen.
FOUNDED: 1868
MEMBERSHIP: 165 firms; importers, exporters and merchants of grain, feedstuffs, legumes, seeds and the respective brokers.
OBJECTIVES & ACTIVITIES: Taking the interest of the trade, representing and administrating the exchange and arbitrations.

GUATEMALA

ANAVI (GA)
Av. de la Reforma 8-60, Zona 9, Edif. Galerias Reforma, 9º Nivel, Guatemala City,
GUATEMALA;
PH: 502/2/311381 or 311389; FAX: 502/2/347578; TLX: 6215 (ANAVI GU).
CONTACT: Mario A. Motta, Gen. Mgr.

HONDURAS

Ministerio de Recursos Naturales (GA)

Tegucigalpa, HONDURAS;
CONTACT: Cesar Noe Pino

HUNGARY

AGRIMPEX Trading Company Ltd. ★ (GA)

International Dept., Nádor u. 22., P.O. Box 278, Budapest 1392, HUNGARY;
PH: 36/1/1113-800, 36/1/111-3697;
FAX: 36/1/1530-658.
CONTACT: A. Vermes, Gen. Dir.
OBJECTIVES & ACTIVITIES: Soybeans, soy meal, soybean oil.

Agrokomplex Central Soya Takarmanyozastechnologiai Egyuttmukodes ★

(Agrokomplex, Central Soya Cooperation for Feeding Technology)
H-8112 Zichyujfalu, Pf. 1., HUNGARY;
PH: 36/22/55-602; TLX: 21249 (ACSRT H);
FAX: 36/22/55-601.
CONTACT: Gabor Reischl, Dir.
FOUNDED: 1970
MEMBERSHIP: 355 firms including co's, Ltd. private enterprises.
OBJECTIVES & ACTIVITIES: Supply members with complete premixes and finished feeds.
PUBLICATIONS: Agrokomplex Informatio, quarterly.

GABONA Co. Ltd. ★ (GA)

Dorottya 1, P.O. Box 232, Budapest 1368, Asboth u. 9-11, HUNGARY;
PH: 36/1/142-3360; 112-4850, 122-6451;
FAX: 36/1/1226-490; TLX: 22-4451.
CONTACT: Daniel Lacfi, Man. Dir.
FOUNDED: 1965
MEMBERSHIP: 20 county enterprises, two commercial banks and 1 service center.
OBJECTIVES & ACTIVITIES: Gabona Co., Ltd., is responsible for: (1) exporting of wheat, wheat flour and other grains, as well as several agricultural feedstuffs like pulses, milling by-products, oilseeds, (2) importing of proteins.
PUBLICATIONS: GABONAIPAR (Grain Industry); quarterly; no cost.

Magyar Elelmezesipari Tudomanyos Egyesulet

(Hungarian Scientific Society for Food Industry)
Akademia Utca 1-3, P.O. Box 5, H-1361 Budapest, HUNGARY;
PH: 36/1/122-459; TLX: 225792 (MTESZ).
CONTACT: Istvan Toth-Zsiga, Secy. Gen.
FOUNDED: 1949
MEMBERSHIP: Approximately 12,000 individuals. Membership is free for scientists and practical technicians.
OBJECTIVES & ACTIVITIES: Develop and stimulate research in all fields of the food industry; to interpret results and transmit findings to those in the practice.

INDIA

The Bombay Oilseeds & Oils Exchange Ltd.

Jenabai Building, Yusuf Meherallí Road, P.O. Box 13009, Bombay 400 003, Maharashtra, INDIA;
PH: 91/22/324361 or 321510.
CONTACT: Gunvant K. Shah, Secy.
FOUNDED: 1938
MEMBERSHIP: 500 traders/manufacturers of oilseeds, oils and oilcakes and articles manufactured out of same.
OBJECTIVES & ACTIVITIES: Promote and protect the interests of the persons engaged in the trade or business of oilseeds, oils, oilcakes and articles manufactured out of same.
PUBLICATIONS: Oilseeds & Oils Bulletin, daily, RS. 400/non-members, RS. 300/members; Oils & Oilseeds Journal, monthly, RS. 240/domestic, US $35/foreign.

Indian Oil and Produce Exporters Association

78-79 Bajaj Bhawan, 7th Floor, Nariman Point, Bombay 400 021, Maharashtra, INDIA;
PH: 91/22/202-3225 or 202-9295;
TLX: 85637 (IOPE).
CONTACT: G. Chandra Shekhar, Secy.
FOUNDED: 1956
MEMBERSHIP: 240 processors and exporters of oilseeds, edible peanuts and castor oil; merchants, brokers, surveyors, etc.
OBJECTIVES & ACTIVITIES: To promote production and export of oilseeds and edible peanuts; appointed by the government of India as the agency to monitor and promote export; dissemination of market information.
PUBLICATIONS: IOPEA Trade Vision, monthly (suspended for the time being), for members only.

The Madras Oil and Seeds Association

16, Francis Joseph Street, P O. Box 1639, Madras 600 001, Tamil Nadu, INDIA;
PH: 583318 or 587893.
CONTACT: T. R. Thambu Reddi, Secy.
FOUNDED: 1946
MEMBERSHIP: 26 individuals; 275 firms or organizations. Twelve Managing Committee Members get elected yearly by the General Body who look after administration and other matters.
OBJECTIVES & ACTIVITIES: To do chamber work; act as a liaison with government and other agencies in solving problems of trade; analyze oilseeds, oils and oilcakes, etc.; circulate statistics and other important matters among members.
PUBLICATIONS: Daily Market Report, daily, RS. 150/yr.

Oils and Seeds Importers Association of India

78-79 Bajaj Bhawan, 7th Floor, Nariman Point, Bombay 400 021, Maharashtra, INDIA;
PH: 91/22/202-3225 or 202-9295;
TLX: 85637 (IOPE).
CONTACT: G. Chandra Shekhar, Secy.
FOUNDED: 1978
MEMBERSHIP: 150 importers and dealers in oils, oilseeds and fats; brokers, surveyors, manufacturers of oils, oilmeals, etc.
OBJECTIVES & ACTIVITIES: To coordinate and monitor imports of oils, seeds and fats into India; to assist members in their import operations; to act as a liaison with the government on matters of interest to trade.

The Soybean Processors Association of India (SOPA)

53 Malviya Nagar, A.B. Road,
Indore 452 008, M.P., INDIA;
PH: 91/731/21613 or 38554;
TLX: 0735-308 (SOPA IN).
CONTACT: Dr. G.A. Sulebele, Chief Exec.
FOUNDED: 1979
MEMBERSHIP: 432 firms or organizations who are processors and allied traders and brokers.
OBJECTIVES & ACTIVITIES: To promote agriculture, processing and marketing of soybeans and soybean products; export soybean meal; assist exporters; monitor exports on behalf of the government of India; and to conduct R&D to advance technology for the manufacture and utilization of soybeans, soybean products and by-products.
PUBLICATIONS: SOPA Digest, monthly, free to members.

The State Trading Corporation of India Ltd.

Market Information & Research Div., Jawahar Vyapar Bhawan Tolstoy Marg,
New Delhi 110001, INDIA;
PH: 91/11/331-3177 (ext. 2338); FAX: 91/11/332-6741; TLX: 65181, 65275 or 65055.
CONTACT: V. K. Agarwal, Chief Mkting. Mgr.
FOUNDED: 1956
OBJECTIVES & ACTIVITIES: The buying and selling of vegetable oil.

INDONESIA

BULOG (National Logistic Agency) (GA)

Jalan Jenderal, Gatot Subroto Kav 49, Jakarta, INDONESIA;
PH: 62/21/512209; TLX: 073-7964-4303.
CONTACT: Bustanil Arifin, Chrman.

ITALY

Associazione Italiana Dell'Industria Olearia (ASSITOL)

(Italian Oil Industry Association)
3,Via del Governo Vecchio,
00186 Rome, ITALY;
PH: 06/C543251; TLX: 610552 (ASSIOL I).
CONTACT: Giorgio Cilenti, Gen. Dir.
FOUNDED: 1972
MEMBERSHIP: Approximately 100 firms involved with olive oil, seed oil, technical oils, refined olive residue oil, margarine, vegetable proteins, semi-raw materials and improvers for the bakery and confectionery industry.
OBJECTIVES & ACTIVITIES: Represent members and their interests.
PUBLICATIONS: Bulletin for members only.

JAMAICA

Jamaica Commodity Trading Company, Ltd. (GA)

8 Ocean Blvd., P.O. Box 47,
Kingston, JAMAICA;
PH: 809/922-0971-9, 2318, 28751.

JAPAN

American Soybean Association — Japan ★
Akasaka Tokyu Building, 11th Floor, 2-14-3,
Nagatacho, Chiyoda-Ku, Tokyo 100, JAPAN;
PH: 81/3/3593-2501; FAX: 81/3/3593-9177.
CONTACT: Lars Wiedermann, Dir.
OBJECTIVES & ACTIVITIES: Represents the interests of U.S. soybean farmers with the goal of increasing the use of soybeans and products to better feed the people of the world.

Japan Margarine, Shortening and Lard Industries Association
27-8, 3-Chome, Nihonbashi, Hamacho,
Chuo-ku, Tokyo 103, JAPAN;
PH: 81/03/3666-6159.
CONTACT: Mitsuo Shimura, Man. Dir.
FOUNDED: 1947
MEMBERSHIP: 26 firms, manufacturers of margarine, shortening, refined lard, refined processed oils and fats, fats spreads, etc.
OBJECTIVES & ACTIVITIES: Cultivate mutual friendship and exchange information; improve production technology and ensure sanitation, distribution and promotion of safety for edible processed oils and fats; improve distribution and promote consumption of edible processed oils and fats; support research and development; compile statistics and information; and to submit a report to enquiries by government and municipal offices offering the industries opinions.

Japan Oilseed Processors Association
Yushi Kogyo Kaikan Building, 13-11, 3- Chome,
Nihonbashi, Tokyo 103, JAPAN;
PH: 81/03/3271-2705;
FAX: 81/03/3271-2707.
CONTACT: Hiroshi Higashimori, Man. Dir.
FOUNDED: 1962
MEMBERSHIP: 30 Japanese oilseed processors.
OBJECTIVES & ACTIVITIES: To protect the interests of members and the industry.
PUBLICATIONS: Wagakuni No Yushijijyo (Report on Oil & Fats) annually, ¥2,200.00; Yushi Geppo (Report on Oil & Fats) monthly, ¥800.00.

Japan Vegetable Protein Food Association
5th Floor, Yamagata Building, 1-23-10
Toranomon, Minato-ku, Tokyo 107, JAPAN;
PH: 81/03/3591-2524.
CONTACT: Kazuo Imaisumi, Man. Dir.
FOUNDED: 1975
MEMBERSHIP: 14 manufacturers of soy protein and wheat protein.
OBJECTIVES & ACTIVITIES: We are a quasi-governmental agency of MAFF (Food, Oils and Fats Division) subsidized by MAFF which conducts market research on utilization of vegetable proteins in association with MAFF; represent member companies in negotiations with MAFF on regulatory matters; conduct promotional campaigns.

Nihon Shoyu Kyokai
(The Japan Soy Sauce Brewers Association)
No. 11-3, Koami-cho, Nihonbashi,
Chuo-ku, Tokyo 103, JAPAN;
PH: 81/03/3666-3286.
CONTACT: Kyujiro Itoh, Man. Dir.
FOUNDED: 1948
MEMBERSHIP: 5 firms and 1 organization representing 2,700 soy sauce manufacturers.
OBJECTIVES & ACTIVITIES: Promote the international soy sauce industry.

The Tokyo Grain Exchange ★★
1 12 5 Kakigara-Cho Nihonbashi,
103 Chuo ku, Tokyo, JAPAN;
PH: 03/3668/9311; FAX: 03/3668/9566.
CONTACT: Mr. Daigaku Otsubo, Counselor
FOUNDED: 1952
MEMBERSHIP: 2 types of members; General member and a commodity commission merchant.
OBJECTIVES & ACTIVITIES: TGE is a commodity exchange which provides markets of futures and options for the members and manages the markets.
PUBLICATIONS: Daily, monthly and annual report of TGE (Japanese)

Yuryo Yushutsunyu Kyogikai ★
The Japan Oil & Fat Importers & Exporters Association (JOFIEA)
6th Floor, Kyodo Building (Shinhoridome),
1-10-12, Nihonbashi Horidome-cho,
Chuo-ku, Tokyo 103, JAPAN;
PH: 81/03/3662-9821;
FAX: 81/03/3667-7867.
CONTACT: Hideo Kawahara, Exec. Dir.
FOUNDED: 1951
MEMBERSHIP: 18 firms or organizations which are trading houses for oilseeds, oils & fats.
OBJECTIVES & ACTIVITIES: To coordinate import & export transactions for soybeans, oil-bearing seeds.
PUBLICATIONS: Statistics of Oilseeds, Oils & Oilcakes, annual, free of charge.

Zenkoku Margarine Seizo Kyodo Kumiai
(Japan Margarine Manufacturers Cooperative)
3-27-8, Nihonbashi Hamacho, Chuo-ku, Tokyo
103, JAPAN;
PH: 81/03/3661-2561.
CONTACT: Shigeru Iwama, Exec. Dir.
FOUNDED: 1955
MEMBERSHIP: 12 manufacturers of margarine, shortening, refined lard and/or other processed edible oil products.
OBJECTIVES & ACTIVITIES: Arrange joint business transactions (purchases, sales, etc.) and financing for members; promote and protect the interests of members.

Zenkoku Tofu Aburage Shoko Kumiai Rengokai
(Japan Tofu & Fried Tofu Association)
1-16-22 Ueno, Taito-ku, Tokyo 110, JAPAN;
PH: 81/03/3833-9351.
CONTACT: Tetsuya Sato, Gen. Mgr.
FOUNDED: 1939
MEMBERSHIP: 13,714 individuals (tofu manufacturers) who belong to 46 prefectual tofu associations.
OBJECTIVES & ACTIVITIES: Support the management of member tofu shops through education programs on tofu marketing, including labeling requirements; data collection of tofu industries; cooperative purchase of raw materials, cleaning and distribution of soybeans; tofu and soymilk point of sales promotions.
PUBLICATIONS: Zentoren-Dayori, monthly, free.

KOREA, REPUBLIC OF (SOUTH)

Agriculture & Fishery Marketing Corp. (GA)
191, 2-ka, Hankang-Ro, Yongsan-ku, Seoul,
KOREA, REPUBLIC OF (SOUTH KOREA);
PH: 82/2/795-8201; TLX: 23297 (AAFMC K).
CONTACT: Jin Kyu Kim, Vice Pres.
OBJECTIVES & ACTIVITIES: Soybean sprouts.

American Soybean Association — South Korea ★
Press Center, 8th Floor, 25,
Taepyungro 1-Ka, Chung-Ku, Seoul, KOREA,
REPUBLIC OF (SOUTH KOREA);
PH: 02/738-7058; FAX: 82/2/736-5501.
CONTACT: Kyung Lee, Dir.
OBJECTIVES & ACTIVITIES: Represents the interests of U.S. soybean farmers with the goal of increasing the use of soybeans and products to better feed the people of the world.

Korea Feed Association (GA)
1581-13 Seocho-dong, Kangnam-ku, Seoul,
KOREA, REPUBLIC OF (SOUTH KOREA);
PH: 82/2/581-5731; TLX: 22835 (KOFEED K).
CONTACT: Keel Chung Chi, Gen. Mgr., Bus. Dept.
OBJECTIVES & ACTIVITIES: Soybean meal.

Korean Soybean Curd Cooperative Federation (GA)
Hyo Bong Bldg., Room 201, 1306-1, Seo-Dong,
Kang nam-ku, Seoul 135, KOREA, REPUBLIC
OF (SOUTH KOREA);
PH: 82/2/725-6763 or 722-1720 or 725-7273.
CONTACT: Jum Rak Kim, Pres.

National Livestock Cooperative Federation (GA)
17-9, Yoido-dong, Youngdungpo-ku, Seoul,
KOREA, REPUBLIC OF (SOUTH KOREA);
PH: 82/2/783-0051; TLX: 23517 (NALICOF K).
CONTACT: Ki Kil Chun, Gen. Mgr., Feed Dept.
OBJECTIVES & ACTIVITIES: Soybean meal.

MEXICO

American Soybean Association — Mexico & Caribbean Basin ★
Rio Sena No. 26, Colonia Cuauhtemoc, Mexico
City 06500, D.F., MEXICO;
PH: 52/5/566-9490 or 705-1633;
FAX: 52/5/705-1758.
CONTACT: Kenneth Shwedel, Dir.
OBJECTIVES & ACTIVITIES: Represents the interests of U.S. soybean farmers with the goal of increasing the use of soybeans and products to better feed the people of the world.
PUBLICATIONS: Soyanoticias, quarterly, no charge.

Asociacion Mexicana de Especialistas en Nutricion Animal, A.C. ★
(Mexican Association of Animal Nutrition Scientists)
Rio Coatzacoalcos #1, Cuernavaca 62290,
Morelos, MEXICO;
PH: 52/73/154738; FAX: 52/73/151098.
CONTACT: Francisco J. Tirado, Nutr. Mgr.
FOUNDED: 1972
MEMBERSHIP: 400 individuals; 70 firms or organizations, agronomists, veterinarians, chemists at the Bachelor, Master and Ph.D. degree level of the sciences.
OBJECTIVES & ACTIVITIES: Increase people's and technicians' knowledge of animal requirements, husbandry, chemical analysis of raw material through modem techniques. Organizing symposiums, seminars and national and international congresses yearly in order to improve technicians' knowledge.
PUBLICATIONS: 4th National Congress, 1989, annual, no cost.

Asociacion Nacional de Industriales de Aceites y Mantecas

(National Association of Oil Industries & Edible Fats)
Comestibles, A.C., Praga N° 39-3° Piso Col. Juarez, Deleg. Cuauhtemoc, Mexico City 06600, D.F., MEXICO;
PH: 52/5/533-2847; FAX: 52/5/525-5124.
CONTACT: Jose L. Luna, Operations Mgr.
FOUNDED: 1958
MEMBERSHIP: 36 individuals and 6 crushing and refining industries, for fats and oils (vegetable oil and foodstuff).
OBJECTIVES & ACTIVITIES: Foreign trade assessors; representatives for the industry with the govenment and official entities; provide information and general services for the industry on the domestic and international marketplaces.
PUBLICATIONS: Magazine Aniame, every 3 mos., free of charge.

MOROCCO

Service de Industries Alimentaires Direction de l'Industrie (GA)

Minister du Commerce et de l'Industrie, Rabat, MOROCCO;
PH: 64502; TLX: 31872.
CONTACT: Dir. Gen.

NETHERLANDS

TNO Nutrition and Food Research ★★

Library, P.O. Box 360, 3700 AJ Zeist, NETHERLANDS;
PH: 31-3404-4-41-44; FAX: 31-3404-5-72-24
CONTACT: Mr. G.J. Oldeman, MsC
FOUNDED: 1940
OBJECTIVES & ACTIVITIES: Contract research on food and feed and related matters, including toxicology trials with man and animal, nutritional studies with volunteers, biotechnology and a special group workng on oils, fats and cocoa.
PUBLICATIONS: Applied Research, monthly, free.

Vereniging van Nederlandse Fabrikanten van Eetbare Olien en Vetten (VERNOF) ★

(Dutch Seed Crushers and Oil Processors Association)
Ampèrelaan 4 E, P.O. Box 3158, Rijswijk 2280 GD, NETHERLANDS;
PH: 31/70/390-5263 or 395-4083;
FAX: 31/70/319-1329.
CONTACT: C. J. M. Meershoeck, Exec. Dir.
FOUNDED: 1912
MEMBERSHIP: 11 firms; seed crusher and oil processing companies.
OBJECTIVES & ACTIVITIES: Represent and defend the economic interests of member companies as well as those of the national and international industry.

NICARAGUA

Empresa Nicaraguenese de Alimentos Basicos (ENABAS) (GA)

Frsnte Cerveceria, Victoria, Antiguo Ince, Managua, NICARAGUA;
CONTACT: Urias Ugalde, Mgr.

NIGERIA

Ministry of Agriculture & Natural Resources (GA)

P.M.B. 2038, Makurdi, Benue State, NIGERIA;
CONTACT: Chief Agricultural Officer

PAKISTAN

Pakistan Poultry Association

Block 7 & 8, Tip Sultan Road, Karachi 75350, PAKISTAN;
PH: 92/438931; TLX: 25736 (KAYS PK)
CONTACT: Moxa[illegible]er Islam, Central Secy.
FOUNDED: 1979
MEMBERSHIP: 3500 firms or organizations; 10,000 poultry farmers; 150 hatcheries; 120 feed mills; and allied members of equipment dealers, pharmaceuticals, supplies, egg & chicken dealers, etc.
OBJECTIVES & ACTIVITIES: To provide facilities for and foster, encourage, secure and maintain a good and close relationship and unanimity among members and the trade in general and to promote and protect their business interests. Also, to do all that is necessary for the furtherance and development of poultry farming in Pakistan.
PUBLICATIONS: Pakistan Poultry, monthly, US $60.

PANAMA

Instituto de Mercadeo Agropecuario (IMA) ★ (GA)

(Institute of Agricultural Marketing)
Apartado 5638, Panama City 2, PANAMA;
PH: 507/61-5905; FAX: 507/61-6944.
CONTACT: Liliana Perié

PERU

Empresa Nacional de Comercialización de Insumos (ENCI) ★ (GA)

EXCLUSIVE TRADING AGENCY
Galerias San Felipe, 5º Piso - San Isidro, 111-Cora 7 Gregorio FSCOBFD, Lima 11 (Jesus Maria), PERU;
PH: 632122-18/629749; FAX: 626242;
TLX: 21529/30/31/32/33 (PE-ENCIPERU).
CONTACT: Maria C. Rodriguez Pastor, Imports Mgr.
FOUNDED: 1973
OBJECTIVES & ACTIVITIES: To import and commercialize foodstuffs and fertilizers in the national market.

PHILIPPINES

National Food Authority (GA)

Matimyas Bldg., 101 E. Rodriguez Avenue, Quezon City, PHILIPPINES;
PH: 63/2/712-1575;
TLX: 075-742-42007 (NGA PM).
CONTACT: Roberto H. Goce, Dir., Int'l. Mkting.
OBJECTIVES & ACTIVITIES: Importer of soybeans and soybean meal for emergency needs. Soybeans, meal, soybean oil and other soybean products are also purchased by the private sector.

Philippine Association of Feed Millers, Inc. ★

Maligaya Building III, Room 302, Cubao , E. Rodriguez Sr. Blvd., 1109 Quezon City , PHILIPPINES;
PH: 721-0906 or 722-2912.
CONTACT: Rogelio M. Sarmiento, Pres.
FOUNDED: 1951
MEMBERSHIP: 11 firms; manufacturers of animal feeds.
OBJECTIVES & ACTIVITIES: Work together for members' common good; cooperate with government in enhancing economic progress and developing the country's livestock industry.

POLAND

ROLIMPEX (GA)

ul. Chalubinskiego 8, P.O. Box 364, PL-00813 Warsaw, POLAND;
PH: 48/22/300-633; TLX: 814341 (RLX PL).
CONTACT: Andrzej Cieslakiewicz, Dir.

PORTUGAL

Associaçao Portuguesa dos Industriais de Alimentos Compostos para Animais (I.A.C.A.) ★

(Portuguese Association of Feed Manufacturers)
Av. 5 de Outubro, 21-2ª Esq.,
P-1000 Lisbon, PORTUGAL;
PH: 351/1-3525091; TLX: 42510 (IACA P);
FAX: 351/1-530387.
CONTACT: Luis Marques, Gen. Secy.
FOUNDED: 1975
MEMBERSHIP: 2 individuals and 82 firms; certified feed manufacturers.
OBJECTIVES & ACTIVITIES: Promote feed production; survey markets; provide studies and information on raw materials, animal feed legislation, general economic questions.
PUBLICATIONS: (Weekly information), Informacao Semanal; ("Animal Feed" Magazine), Revista Alimentacao, Trimensual (Qtrly); (IACA's yearbook) Anuario IACA, yearly.

ROMANIA

PRODEXPORT S.A. ★ (GA)

Platza Walter Maracineanu 1-3,
Bucharest, ROMANIA;
PH: 40/0/161-660; TLX: 11527 (PROD R).
CONTACT: Bucur Radu, Mkt. Dept.
OBJECTIVES & ACTIVITIES: Soybeans, soybean meal and soybean pellets, food stuffs, etc.; business concerns international trade with soybean products, etc.

RUSSIA

American Soybean Association — Commonwealth of Independent States ★★

Hotel Moskvich, Room 1201, 1a, 11th Ulitsa
Tekstilshchikov, Moscow 109390, RUSSIA;
PH: 7/095/1786711; FAX: 7/095/1786711.
CONTACT: Aleks Cerne, Assoc. Dir.
OBJECTIVES & ACTIVITIES: Represents the interests of U.S. soybean farmers with the goal of increasing the use of soybeans and products to better feed the people of the world.

PRODSYRIO Division of V/O EXPORTKHLEB (GA)

Smolenskaja-Sennaja, 32/34,
G-200 Moscow, RUSSIA;
PH: 244-47-01; TLX. 411145 (EHLB SU).
CONTACT: Yurij R. Vartikov, Dept. Head
OBJECTIVES & ACTIVITIES: Sole importer of oilseeds and meal.

SINGAPORE

American Soybean Association — South Asia ★

541 Orchard Road , #11-03 Liat Towers,
Singapore 0923, SINGAPORE;
PH: 65/737-6233 or 737-6561;
FAX: 65/737-5849.
CONTACT: James W. Echle, Dir.
OBJECTIVES & ACTIVITIES: Represents the interests of U.S. soybean farmers with the goal of increasing the use of soybeans and products to better feed the people of the world.

SPAIN

American Soybean Association — Spain and Portugal ★

Juan Alvarez Mendizabal #3, 3°,
Madrid 28008, SPAIN;
PH: 34/1/542-2900; FAX: 34/1/542-6123.
CONTACT: Arno Partner, Regional Dir.
OBJECTIVES & ACTIVITIES: Represents the interests of U.S. soybean farmers with the goal of increasing the use of soybeans and products to better feed the people of the world.
PUBLICATIONS: Animal Nutrition Highlights (French, Spanish), bi-monthly, free; Human Nutrition Highlights (French, Spanish), bi-monthly, free; Animal Nutrition Research Highlights, bi-monthly, free.

Asociacion Española de Fabricantes de Margarina

(Spanish Association of Margarine Manufacturers)
Apartado 791, 48080 Bilbao, SPAIN;
PH: 34/4/463-4400; TLX: 32737 (AGRASA).
CONTACT: F. Javier Herrero-Velarde, Pres.
FOUNDED: 1978
MEMBERSHIP: 350 individuals, 15 firms.
OBJECTIVES & ACTIVITIES: Defend the interests of Spanish feed manufacturers.

SRI LANKA

Plenty Canada/Sri Lanka Soya Project ★★

No. 321, Union Place, Colombo 2, SRI LANKA;
PH: 94/1/438309; 438310;
FAX: 94/1/438314.
CONTACT: Peter M. Dudding, Project Dir.
FOUNDED: 1987
MEMBERSHIP: Small entrepreneurs, farmers, development organizations.
OBJECTIVES & ACTIVITIES: Implementing Sri Lanka soya food promotion project for Canadian International Development Agency to increase soya food consumption, develop new products, train business enterprise, produce, market & distribute soya foods and promote agricultural development.

SWEDEN

Föreningen Svenska Margarintillverkare ★

(Association of Swedish Margarine Manufacturers)
Box 5501, Stockholm S-11485, SWEDEN;
PH: 08/783-8000; TLX: 19990 (SWEDIND S).
CONTACT: Göran Holmqvist, Dir. General
FOUNDED: 1982
MEMBERSHIP: 3 firms; margarine manufacturers.

Nordiskt Forum for Lipid Forskning och Teknologi (LIPIDFORUM)

(Scandanavian Forum for Lipid Research and Technology)
c/o SIK - The Swedish Food Institute, Box 5401, S-40229 Goteborg, SWEDEN;
PH: 46/31/400120; TLX: 21651 (SIK S).
CONTACT: Reinhard Marcuse, Secy. Gen.
FOUNDED: 1969
MEMBERSHIP: Approximately 500 individuals and 100 firms; individuals, scientific institutions and industrial companies.
OBJECTIVES & ACTIVITIES: Arrange meetings: (1) "Scandinavian Symposia on Lipids", each second year with broad spectrum programs alternating in the five Nordic countries, (2) specialized symposia on specific items.
PUBLICATIONS: Newsletters, 2 times/yr, free to members; Proceedings, for purchase by members and non-members; list available.

TAIWAN

American Soybean Association — Taiwan ★

6F, No. 180, Tun-Hwa South Road, Section 1,
Taipei 10647, TAIWAN;
PH: 886/2/781-2110 or 781-5880;
FAX: 886/2/711-6544.
CONTACT: Dr. Steve Chen, Dir.
OBJECTIVES & ACTIVITIES: Represents the interests of U.S. soybean farmers with the goal of increasing the use of soybeans and products to better feed the people of the world.

The Asian Vegetable Research and Development Center (AVRDC) ★

P.O. Box 42, Shanhua, Tainan 74199, TAIWAN;
PH: 06/583-7801; TLX: 73560 (AVRDC);
FAX: 06/583-0009.
CONTACT: Sundar Shanmugasundaram
FOUNDED: 1972
MEMBERSHIP: Worldwide.
PUBLICATIONS: Annual Progress Report, annual, $20 U.S.; Centerpoint, annual. Also, technical bulletins, directories, germplasm catalog, proceedings of workshops, conferences, symposiza, guidesheets, slide sets and videos.

Taiwan Feed Industries Association

368 Fu-Shing South Road, Section 1, 9th Floor, Taipei 10640, TAIWAN;
PH: 886/2/702-8070.
CONTACT: K. C. Lin, Chrman.
FOUNDED: 1966
MEMBERSHIP: 113 feed mills and feed traders; manufacturers of mixed feeds.
OBJECTIVES & ACTIVITIES: Act as a liaison between government and members on procurement and production; coordinate and provide technical and market information.

Taiwan Soy Sauce Industry Association

24 Pei-Ping East Road, 4th Floor - 3,
Taipei, TAIWAN;
PH: 886/2/341-0739 or 351-7726.
CONTACT: M. C. Chang, Secy. Gen.
FOUNDED: 1972
MEMBERSHIP: Manufacturers of soy sauce, miso and condiments.
OBJECTIVES & ACTIVITIES: Act as a liaison between government and members on procurement and production; coordinate and provide technical and market information.

Taiwan Tofu Association

9, Lane 133, Tai-Yuan Road,
Taipei 102, TAIWAN;
PH: 886/2/541-4494.
CONTACT: Y. P. Yang, Secy. Gen.
FOUNDED: 1954
MEMBERSHIP: Manufacturers of tofu, spiced dried tofu and tofu skin or involved in soyfood production and marketing.
OBJECTIVES & ACTIVITIES: Act as liaison between government and members on procurement and production; coordinate and provide technical and market information to members.

Taiwan Vegetable Oil Manufacturers Association

Chang-An East Road, 6th Floor, Pai-Fu Building
27, Section 1, Taipei 104, TAIWAN;
PH: 886/2/561-6351.
CONTACT: Daniel Yang, Secy. Gen.
FOUNDED: 1952
MEMBERSHIP: Manufacturers of soybean oil, soybean meal, peanut oil and salad oil or those involved with vegetable oil refining.
OBJECTIVES & ACTIVITIES: Act as liaison between government and members on procurement and production; coordinate and provide technical and market information.

TUNISIA

Banque National de Developpement (GA)

Agricole, 3, Rue Jugurtha,
Tunis 1002, TUNISIA;
CONTACT: Ferid Mokhtar, Pres.

Institut National de Nutrition & Technologie Alimentaire (GA)

Rue Aristide Briand, 1006 Bab Saadoun,
Tunis, TUNISIA;
PH: 663770.
CONTACT: Zouheir Kallel, Dir.

Ministry of Agriculture (GA)

30, Rue Alain Savary, Tunis 1002, TUNISIA;
CONTACT: Habib Najjar, Pres.

Union Tunisienne Industrie du Commerce et de l'Artisanat (UTICA) (GA)

103, Avenue de la Liberte, Tunis 1002,
TUNISIA;
PH: 253434 or 253724; TLX: 13982.
CONTACT: Adbelkader Chaouch, Pres.

UNITED STATES OF AMERICA (U.S.A.)

The American Association of Cereal Chemists (AACC)

3340 Pilot Knob Road,
St. Paul, MN, 55121 U.S.A.;
PH: 612/454-7250; FAX: 612/454-0766;
TLX: (MCI/WUI) 6502439657.
CONTACT: Raymond J. Tarleton, Exec. VP
FOUNDED: 1915
MEMBERSHIP: 3,466 individuals, 250 firms or organizations: cereal science professionals throughout the U.S. and 90 other countries. Among its members are government and academic scientists as well as technically trained persons working within the cereal processing industries.
OBJECTIVES & ACTIVITIES: Members share the common desire to improve themselves through broadening their understanding of cereal science, stimulating their professional contacts and increasing their potential for advancement. The unique professional services, publications, meetings and activities provided by the AACC help members to achieve their goals.
PUBLICATIONS: Cereal Foods World, monthly, $60/yr U.S., $85/yr elsewhere; Cereal Chemistry, bi-monthly, $120/yr U.S., $135/yr elsewhere. Extensive food science book publishing program.

American Farm Bureau Federation

225 Touhy Avenue,
Park Ridge, IL, 60068 U.S.A.;
PH: 312/399-5748; FAX: 312/399-5896.
CONTACT: David Miller, Dir., Wheat, Feed Grains & Soybeans Dept.
FOUNDED: 1919
MEMBERSHIP: 3.7 million farmers and ranchers in U.S.
OBJECTIVES & ACTIVITIES: Independent, non-governmental, voluntary organization of farm and ranch families united for the purpose of analyzing their problems, formulating action to achieve educational improvement, economic opportunity, social advancement and thereby, promote the national well-being.
PUBLICATIONS: Farm Bureau News, weekly.

American Feed Industry Association, Inc.

1501 Wilson Blvd., 18th Floor,
Arlington, VA, 22209 U.S.A.;
PH: 703/524-0810; FAX: 703/524-1921.
CONTACT: Barbara Estridge, Corp. Secy.
FOUNDED: 1909
MEMBERSHIP: 600 firms or individuals who manufacture and/or market animal feed, sell products incorporated into animal feed, sell equipment or supplies and services used in the manufacture and distribution of animal feed.

American Institute of Food Distribution ★

28-12 Broadway, Fair Lawn, NJ, 07410 U.S.A.;
PH: 201/791-5570; FAX: 201/791-5222.
CONTACT: John Rengstorff, Vice Pres.
FOUNDED: 1928
MEMBERSHIP: 6,000 individuals and 2,600 firms or organizations; growers, food processors, brokers, wholesalers, retailers, importers/exporters, food service distributors, operators.
OBJECTIVES & ACTIVITIES: A non-profit information and reporting association whose basic function is to help members keep posted on pricing, supply and distribution developments.
PUBLICATIONS: The Food Institute Report, weekly, $495.

American Oil Chemists' Society (AOCS) ★

1608 Broadmoor Drive, P.O. Box 3489,
Champaign, IL, 61821 U.S.A.;
PH: 217/359-2344; FAX: 217/351-8091;
TLX: 4938651 (AOCS UI).
CONTACT: James C. Lyon, Exec. Dir.
FOUNDED: 1909
MEMBERSHIP: 4,000 individuals, 2,000 firms or organizations; AOCS is the professional home for more than 4,000 members in 80 nations working in edible fats and oils, lipids, soaps, surfactants and detergents, oleochemicals, proteins, nutrition, plant lipids, and related disciplines.
OBJECTIVES & ACTIVITIES: To be a forum for the exchange of ideas, information, and experience among those with a professional interest in the science and technology of fats, oils, and related substances in ways that promote personal excellence and provide for high standards of quality.
PUBLICATIONS: Journal of the American Oil Chemists' Society (subscriber also receives INFORM), monthly, $185/yr. (lib. and instit.); LIPIDS, monthly, $195/yr. (lib. and instit.); INFORM (membership pub.), monthly, available only with membership .

See Our Advertisement P. 10 & 150

The American Phytopathological Society (APS)

3340 Pilot Knob Road,
St. Paul, MN, 55121 U.S.A.;
PH: 612/454-7250; FAX: 612/454-0766;
TLX: (MCI/WUI) 6502439657.
CONTACT: Raymond J. Tarleton, Exec. VP
FOUNDED: 1908
MEMBERSHIP: 4,635 individuals and 62 firms or organizations representing research scientists, teachers, extension specialists, students, sales reps, administrators, technicians, agricultural field reps, and pest management personnel.
OBJECTIVES & ACTIVITIES: To promote knowledge of plant science through publications, meetings, symposia, workshops and special activities.
PUBLICATIONS: Phytopathology, monthly, $185/yr (U.S. ind.), $220/yr (elsewhere); Plant Disease, monthly, $65/yr (U.S. ind.), $95/yr (elsewhere); Molecular Plant-Microbe Interactions, bi-monthly, $65/yr (U.S. ind.), $80/yr (elsewhere).

American Soybean Association (ASA) ★

540 Maryville Centre Drive,
Suite 400, P.O. Box 419200,
St. Louis, MO, 63141-9200 U.S.A.;
PH: 314/576-1770; FAX: 314/576-2786.
CONTACT: Dennis B. Sharpe, CEO
FOUNDED: 1920
MEMBERSHIP: Active members: 32,000 U.S. soybean farmers.
OBJECTIVES & ACTIVITIES: Promoting soybeans and soybean products; conducting research to find new or improved uses for soybeans; conducting research to increase production efficiency; and formulating policies—domestic and trade—to enhance use of soybeans.
PUBLICATIONS: SOYBEAN DIGEST magazine, 12 times/yr., $20 U.S., $25 Canada, $276 (membership in ASA) elsewhere; SOYBEAN UPDATE newsletter, 40 times/yr., ASA members only.

Arkansas Soybean Association

1501 N. Pierce, Suite 110,
Little Rock, AR, 72207-5222 U.S.A.;
PH: 501/666-1418; FAX: 501/666-2510.
CONTACT: D. Trent Roberts, Exec. Dir.
FOUNDED: 1964
MEMBERSHIP: 1200 soybean growers, seed processors and brokers.
OBJECTIVES & ACTIVITIES: To promote the Arkansas soybean industry.
PUBLICATIONS: Soytalk, monthly, $40/yr. with membership.

Association of American Feed Control Officials (AAFCO)

P.O. Box 3160,
College Station, TX, 77841-3160 U.S.A.;
PH: 409/845-1121; FAX: 409/845-1389.
CONTACT: Barbara J. Sims, Secy.
FOUNDED: 1909
MEMBERSHIP: 56 state and federal organizations involved with commercial feeds and feed ingredients.
OBJECTIVES & ACTIVITIES: Establish uniform regulations, definitions and standards of feed ingredients.
PUBLICATIONS: AAFCO Official Publication, annual, $20/yr.

Commercial Soybean Breeders

c/o AgriPro, Route 2, Highway 30,
East, Ames, IA, 50010 U.S.A.;
PH: 515/232-0707; FAX: 515/232-8169.
CONTACT: Keith Bilyeu, Secy.
FOUNDED: 1976
MEMBERSHIP: 97 individuals; 38 firms or organizations who personally direct projects or programs for improving soybean cultivating through breeding and/or genetics.
OBJECTIVES & ACTIVITIES: Encourage and promote a professional image and attitude among commercial soybean breeders; foster a better working relationship among private and public soybean breeders; provide more effective utilization of existing germplasm in all soybean breeding programs; represent the collective interests of members in governmental or industrial policy matters; communicate current research findings; promote soybeans as a more profitable crop; improve the efficiency of production and utilization of soybean protein and oil.

Government of Ontario, Canada (GA)

221 N. LaSalle Street, Suite 2700, Chicago,
IL, 60611 U.S.A.;
PH: 312/782-8688; FAX: 312/782-5381.
CONTACT: Thomas Brush, Trade Dev. Consultant
FOUNDED: 1889

Grain Elevator and Processing Society ★

301 4th Avenue, So., Suite 365, P.O. Box
15026, Minneapolis, MN, 55415-0026 U.S.A.;
PH: 612/339-4625; FAX: 612/339-4644.
FOUNDED: 1930
MEMBERSHIP: 3000 individuals; dedicated to safety and efficiency in grain operations.
OBJECTIVES & ACTIVITIES: To serve members by enhancing individual professionalism and fellowship and promoting safe, efficient operations within the grain and processing industries.
PUBLICATIONS: In-Grain, monthly, members free, others $18/yr; Directa Source (membership dir.) annual, members free, others $50.

Illinois Crop Improvement Association ★

3105 Research Road, P.O. Box 9013,
Champaign, IL, 61826-9013 U.S.A.;
PH: 217/359-4053; FAX: 217/359-4075.
CONTACT: James R. Shearl, Mgr.
FOUNDED: 1922
MEMBERSHIP: 225 firms or organizations; primarily seed companies in the state of Illinois.
OBJECTIVES & ACTIVITIES: To promote seed certification through field inspection; seed quality laboratory testing; record keeping and tag issuance; grain quality testing and winter farm facilities.
PUBLICATIONS: Growers Directory, annual (July publication), no cost; Growers Directory, annual (December publication), no cost.

See Our Advertisement P. 21

Indiana Crop Improvement Association ★

3510 U.S. Highway 52, So., Lafayette, IN,
47905 U.S.A.;
PH: 317/474-3494; FAX: 317/474-8959.
CONTACT: Larry Svajgr, Exec. Dir.
FOUNDED: 1900
MEMBERSHIP: 380 seed companies in Indiana and throughout the country.
OBJECTIVES & ACTIVITIES: The promotion of varietally pure seed products or identity preserved grain products through use of field inspection services, pedigree record keeping systems, and varietal identification laboratory techniques.
PUBLICATIONS: Growers Directory (Spring Seeded Crops), annual (June), free of charge; Growers Directory (Fall Seeded Crops), annual (August), free of charge.

See Our Advertisement P. 104

Institute of Food Technologists ★

221 N. LaSalle Street, Suite 300,
Chicago, IL, 60601 U.S.A.;
PH: 312/782-8424; FAX: 312/782-8348.
CONTACT: Daniel E. Weber, Exec. Dir.
FOUNDED: 1939
MEMBERSHIP: 25,000 members active in academic, industrial and governmental institutions who attempt to understand the scientific basis underlying the efficient provision of a nutritious, safe and acceptable diet.
OBJECTIVES & ACTIVITIES: The Institute of Food Technologists is a professional scientific society whose purpose is to implement the professional and scientific interests of its members.
PUBLICATIONS: Food Technology, monthly, incl. w/membership, non-members $82 domestic; Journal of Food Science, bi-monthly, members $28 a year, non-members $100 domestic, all others $125.

Institute of Shortening and Edible Oils ★

1750 New York Avenue, N.W.,
Washington, DC, 20006 U.S.A.;
PH: 202/783-7960; FAX: 202/393-1367.
CONTACT: Robert M. Reeves, Pres.
FOUNDED: 1934
MEMBERSHIP: 22 trade association refiners of edible fats and oils.
OBJECTIVES & ACTIVITIES: Improve welfare of edible fats & oils industry. Activities include education programs, research, coordination of policy with trade associations and government.
PUBLICATIONS: Food Fats and Oils, every 4-5 years, free; Directory of Edible Oil Industry in U.S., every 5 years, $10.

International Oil Mill Superintendents Association ★★

9039 Katy Freeway, Suite 314,
Houston, TX, 77024 U.S.A.;
PH: 713/468-1333.
FOUNDED: 1894
MEMBERSHIP: 425 individuals involved in the extraction of vegetable oils and their by-products, product purchasers and equipment suppliers.
OBJECTIVES & ACTIVITIES: To provide information to these persons involved in or interested in the oil mill industry.
PUBLICATIONS: OIL MILL GAZATTEER magazine, monthly; $13/yr. U.S., $20/yr frgn.

International Soybean Program (INTSOY) ★

University of Illinois, INTSOY, 113 Mumford
Hall, 1301 W. Gregory Drive,
Urbana, IL, 61801 U.S.A.;
PH: 217/333-6422; TWX: 910/250-7619
(INTSOY); FAX: 217/333-5838.
CONTACT: J.J. Nicholaides, Acting Dir.
FOUNDED: 1973
MEMBERSHIP: 100 individuals and 100 firms or organizations forming a loose network of research scientists in approximately 40 developing countries and approximately 10 developed countries who share the common interest of expanding the use of soy products to improve nutrition and economic development.
OBJECTIVES & ACTIVITIES: The focus of the research and development activities is on the processing and utilization of whole soybeans for human food and animal feed.

See Our Advertisement P. 110

Iowa Soya

162 West Hwy. 58, Hudson, IA, 50643 U.S.A.;
PH: 319/988-4187; FAX: 319/988-3922.
CONTACT: Dennis Strayer, Pres.
FOUNDED: 1987
MEMBERSHIP: 13 individuals; 13 firms or organizations; specialty soybean producers in Iowa.
OBJECTIVES & ACTIVITIES: Our members produce exclusive varieties of specialty soybeans for human foods.

Iowa Soybean Association

1025 Ashworth Road, Suite 310,
W. Des Moines, IA, 50265-3542 U.S.A.;
PH: 515/223-1423; FAX: 515/223-4331.
CONTACT: Allen Johnson, Exec. Dir.
FOUNDED: 1964
MEMBERSHIP: 7,300 farmers, elevator personnel, non-grower support members, chemical representatives, commodity groups and various agriculture youth groups.
OBJECTIVES & ACTIVITIES: Promote a profitable soybean industry and inform Iowa soybean producers of current production and marketing information. To lobby for favorable government policies which benefit soybean producers.
PUBLICATIONS: Iowa Soybean Review, 10 issues, $40/year.

Iowa Soybean Promotion Board

1025 Ashworth Road, Suite 310,
W. Des Moines, IA, 50265 U.S.A.;
PH: 515/223-1423; FAX: 515/223-4331.
CONTACT: Allen Johnson, Dir.
MEMBERSHIP: 15,000 individuals; growers and business related.
OBJECTIVES & ACTIVITIES: A voice in soybean marketing legislation, market development and research.
PUBLICATIONS: Iowa Soybean Review, monthly, upon request.

Mid-Atlantic & Virginia Soybean Associations ★

104-A N. Division Street, P.O. Box 319,
Salisbury, MD, 21803 U.S.A.;
PH: 410/742-9500; FAX: 410/548-5824.
CONTACT: H. Jerry Kennedy, Exec. Dir.
FOUNDED: 1970
MEMBERSHIP: 850 soybean growers, agribusiness persons and individuals interested in the soybean industry.
OBJECTIVES & ACTIVITIES: To promote soybean profitability; overseas and domestic market development; establish new markets; research both in-state and nationally.

Minnesota Soybean Growers Association ★

360 Pierce Avenue, Suite 110,
N. Mankato, MN, 56003 U.S.A.;
PH: 507/388-1635; FAX: 507/388-6751.
CONTACT: Bonnie McCarvel, Exec. Dir.
FOUNDED: 1962
MEMBERSHIP: 3,700 farmers, elevator personnel, farmers, non-grower support members, agri-business representatives, and commodity groups.
OBJECTIVES & ACTIVITIES: To promote a profitable soybean industry and inform Minnesota soybean farmers of current production and marketing information. To lobby for favorable government policies which benefit soybean farmers.
PUBLICATIONS: MinnSoy Voice, mnthly, $40yr.

Missouri Soybean Merchandising Council ★

520 Ellis Blvd, Suite N, P.O. Box 104778,
Jefferson City, MO, 65110-4778 U.S.A.;
PH: 314/635-6701; FAX: 314/635-5122.
CONTACT: Kenlon Johannes, Exec. Dir.
FOUNDED: 1979
MEMBERSHIP: 35,000 farmers who contribute funds to the programs thru collections at the sale of their soybeans.
OBJECTIVES & ACTIVITIES: Provide information and resources needed to develop markets and soybean product manufacturing plants in the state of Missouri.
PUBLICATIONS: Missouri Soybean Farmer, Bi-Monthly, Free to Producers.

See Our Advertisement P. 43

National Agricultural Library ★ (GA)

NAL Building, Rm. 204, 10301 Baltimore Blvd., Beltsville, MD, 20705 U.S.A.;
PH: 301/504-5755; TWX/TLX: 710/828-0506;
FAX: 301/504-5472.
CONTACT: Joseph Howard, Dir.
FOUNDED: 1862
MEMBERSHIP: The NAL serves the U.S. Department of Agriculture, Congressional, White House and other Federal staff, state and local agencies, including extension services, land-grant and other universities, libraries and individuals. Clientele include scientists, administrators, nutritionists, teachers, extension workers, farmers and the general public.
OBJECTIVES & ACTIVITIES: The National Agricultural Library (NAL) serves the USDA and the nation as an information provider for agriculture. NAL provides information services over a broad range of agricultural interests. NAL assists its users through a variety of specialized information centers. Its staff utilizes advanced information technologies to generate new information products, creating an electronic library as it improves access to the knowledge stored in its multi-media collection of almost 2 million items.
PUBLICATIONS: Agricultural Libraries Information Notes, monthly, no cost; various specialized directories, irregular, req. individually, no cost.

National Association of Margarine Manufacturers (NAMM)

1101 15th St., N.W., Suite 202,
Washington, DC, 20005 U.S.A.;
PH: 202/785-3232; FAX: 202/223-9741.
CONTACT: Charles E. Ehrhart, Exec. Dir.
MEMBERSHIP: 12 manufacturers of margarine in the United States.
OBJECTIVES & ACTIVITIES: Legislative and regulatory interest to develop, coordinate and supply the public with accurate information about margarine and margarine products.
PUBLICATIONS: The Advocate,quarterly, free to members.

National Grain Trade Council ★

1300 L. Street, N.W., Suite 925,
Washington, DC, 20005 U.S.A.;
PH: 202/842-0400;
CONTACT: Robert R. Petersen, Pres.
FOUNDED: 1936
MEMBERSHIP: 60 firms or organizations; members include grain exchanges, boards of trade and national grain marketing associations. Associate members represent a cross-section of the grain marketing industry.
OBJECTIVES & ACTIVITIES: The Council's objectives and purposes are 1) to promote a better understanding among the grain trade, government agencies and the general public; 2) to advocate and defend, consistent with public interest, the principles and merits of open and competitive markets for the distribution of agricultural commodities.
PUBLICATIONS: Activity Report, monthly (no cost with membership).

National Oilseed Processors Association (NOPA) ★

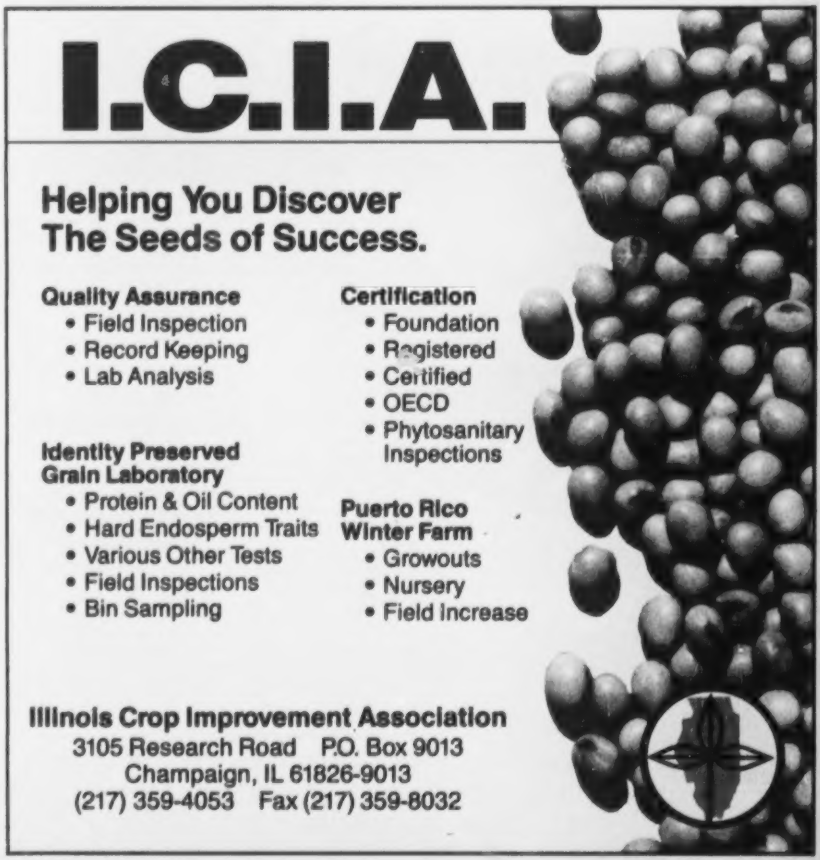
1255 23rd Street, N. W., Suite 850,
Washington, DC, 20037 U.S.A.;
PH: 202/452-8040; FAX: 202/835-0400;
TLX: 248959 (NOPA UR).
CONTACT: Sheldon J. Hauck, Pres.
FOUNDED: 1929
MEMBERSHIP: 14 regular members, 22 associate members: processors of oilseeds and consumers of vegetable oils and meals.
OBJECTIVES & ACTIVITIES: To promote the domestic and international marketing of all types of oilseed products through development of equitable trading rules for buyers and sellers; to foster intense research activity aimed at improving/increasing yields and productivity of oilseed crops; to promote the sale of oilseed products internationally.
PUBLICATIONS: NOPA Yearbook & Trading Rules, annually, $35 non-members (add $8 for international orders). Pre-Paid only outside U.S and Canada.

National Waterways Conference, Inc. ★

1130 17th Street, N.W., Suite 200,
Washington, DC, 20036 U.S.A.;
PH: 202/296-4415; FAX: 202/835-3861.
CONTACT: Harry N. Cook, Pres.
FOUNDED: 1960
MEMBERSHIP: 22 individuals, 375 firms or organizations involved in waterway-related businesses, industries and agencies, including barge lines, ports and terminals, waterway shippers and waterway service firms.
OBJECTIVES & ACTIVITIES: To promote a better understanding of the public value of the American waterways system.
PUBLICATIONS: Washington Watch, monthly, $100/yr.

Nebraska Soybean Program

301 Centennial Mall, So., Fourth Floor,
P.O. Box 95144, Lincoln, NE, 68509 U.S.A.;
PH: 402/471-4894; FAX: 402/471-3345.
CONTACT: James P. Weyer, Man. Dir.
FOUNDED: 1975
MEMBERSHIP: 1,100 individuals, 100 firms or organizations which are soybean producers, county extension agents, elevators, and agribusiness.
OBJECTIVES & ACTIVITIES: By a 1975 declaration of the State of Nebraska, soybean producers are permitted and encouraged to develop, carry out and participate in programs of research, education, market development and promotion. The Nebraska Soybean Resources Act provides this authorization and prescribes operating procedures whereby soybean producers in this state may finance programs to achieve the overall goal of improving the profitability of soybean production.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- OECD
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Puerto Rico Winter Farm
- Growouts
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- Field Increase

Illinois Crop Improvement Association
3105 Research Road P.O. Box 9013
Champaign, IL 61826-9013
(217) 359-4053 Fax (217) 359-8032

(GA) = Government Agency

★ Updated Listing
★★ New Listing

New Jersey Soybean Industry Advisory Council (GA)

New Jersey Dept. of Agriculture, CN 330,
Trenton, NJ, 08625 U.S.A.;
PH: 609/292-8853; FAX: 609/984-5367.
CONTACT: Logan Brown, Council Liaison
FOUNDED: 1980
MEMBERSHIP: 11 individuals and 5 firms or organizations. The council members are appointed by the New Jersey State Board.
OBJECTIVES & ACTIVITIES: The Council is responsible for administrating programs designed to expand and improve methods of research, promotion and marketing of N.J. soybeans.
PUBLICATIONS: New Jersey Soybean Industry Advisory Council Summary of Activities, annual, no charge.

Ohio Soybean Association ★

2 Nationwide Plaza, P.O. Box 479,
Columbus, OH, 43216 U.S.A.;
PH: 614/249-2422; FAX: 614/249-2200.
CONTACT: Keith Stimpert, Exec. Dir.
MEMBERSHIP: 2,078 individuals who are Ohio soybean producers and related agribusinesses.
OBJECTIVES & ACTIVITIES: To improve soybean profitability through promotion, research and educational activities.
PUBLICATIONS: SoyNotes, 4 times/yr., free with membership

Organic Foods Production Association of North America (OFPANA) ★

20 Federal Street, P.O. Box 1078, Suite 3,
Greenfield, MA, 01301 U.S.A.;
PH: 413/774-7511; FAX: 413/774-6432.
CONTACT: Katherine DiMatteo, Exec. Dir.
FOUNDED: 1985
MEMBERSHIP: 50 individuals and 250 firms or organizations; organic producers (growers, processors and manufacturers), organic food handlers (brokers, distributors and retailers), consultants, certifying agents, and farmers associations.
OBJECTIVES & ACTIVITIES: To build unity within the organic foods industry; promote awareness of organic food; set standards of excellence for organic businesses; present a unified voice on legislative, regulatory and policy issues; cooperate in the development of unified organic food farming and manufacturing standards, nationally and internationally.
PUBLICATIONS: OFPANA Reports, every 6 weeks, members free, others $25.

Plenty U.S.A.

P.O. Box 2306, Davis, CA, 95617 U.S.A.;
PH: 916/753-0731; FAX: 916/756-7188;
TLX: MCI MAIL: Plenty USA.
CONTACT: Laurie Praskin, Dir., Soy Programs
FOUNDED: 1974
MEMBERSHIP: 3,000 donors, individual member donors, volunteers, technical consultants, medical professionals, indigenous representatives.
OBJECTIVES & ACTIVITIES: Plenty is a non-profit, non-political organization whose objectives are to improve the quality of life for those in need. We assist organizations, communities and governments design and implement soybean utilization programs.
PUBLICATIONS: Plenty Bulletin, quarterly, donation $10; Home and Village Soybean Utilization Guide, $5; Integrated Soy Report, $5 (when available); Soy Demonstration Pamphlet, not available.

The Soap & Detergent Association, Glycerine & Oleochemical Division

475 Park Avenue, So., 27th Floor,
New York, NY, 10016 U.S.A.;
PH: 212/725-1262; FAX: 212/213-0685.
CONTACT: Theodore E. Brenner, Pres.
FOUNDED: 1952
MEMBERSHIP: 18 firms who produce fatty acids and/or glycerine.
OBJECTIVES & ACTIVITIES: Provide information to members and the public on fatty acids, glycerine and their derivatives; provide a forum for discussion of industry concerns and a vehicle for response to regulatory proposals.

Soy Protein Council ★

1255 23rd Street, N.W., Suite 850,
Washington, DC, 20037 U.S.A.;
PH: 202/467-6610; TLX: 248959 (NSPA UR);
FAX: 202/833-3636.
CONTACT: Sheldon J. Hauck, Exec. Vice Pres.
FOUNDED: 1971
MEMBERSHIP: 3 firms who process or sell edible soy proteins products.
OBJECTIVES & ACTIVITIES: Build awareness of established nutritional properties of commercially available soy proteins and assist in creating better understanding of the role and utilization of soy proteins in the food systems.

Soyfoods Association of America ★

P.O. Box 65,
Libertytown, MD 21762-0065 U.S.A.;
PH: 301/898-3723; FAX: 301/898-9525.
CONTACT: Ginny Messina, Exec. Dir.
FOUNDED: 1984
MEMBERSHIP: 50 firms or organizations who are manufacturers, marketers, suppliers, distributors and/or retailers of soyfoods.
OBJECTIVES & ACTIVITIES: Provide opportunities for exchange of ideas among members; create standards, sponsor cooperative marketing and public relations programs; and educate consumers regarding the nutritional value of soyfoods.
PUBLICATIONS: Association Newsletter, quarterly, free to members; Tofu Standards, free to members.

U.S. Dept. of Agriculture ★★(GA)

Nat'l. Agricultural Statistics Service, Room 5175, South Building,
Washington, DC, 20250-2000 U.S.A.;
PH: 202/720-2127; FAX: 202/690-1311.
CONTACT: Herb Vanderberry
FOUNDED: 1863
MEMBERSHIP: 1200 individuals.
OBJECTIVES & ACTIVITIES: Collecting and disseminating current statistics on the Nation's Agriculture.

U.S. Dept. of Agriculture, Foreign Agricultural Service, Oilseeds & Products Division ★ (GA)

14th & Independence Avenue, S.W., Room 5646-S, Washington, DC, 20250-1000 U.S.A.;
PH: 202/720-0140; FAX: 202/720-7670.
CONTACT: Nancy Hirschhorn, Group Leader

United Soybean Board ★★

16305 Swingley Ridge Drive, Suite 110,
Chesterfield, MO, 63017 U.S.A.; PH: 314/530-1777, 800/989-8721; FAX: 314/530-1560.
CONTACT: David C. Thomas, Exec. Dir.
FOUNDED: 1991
MEMBERSHIP: 63 U.S. soybean producers.
OBJECTIVES & ACTIVITIES: The mission of the USB is to maximize the profitability of U.S. soybean producers by investing national checkoff (SPARC) funds in research, promotion and communication projects both domestically and internationally.

USDA Soybean Germplasm Collection ★★(GA)

Department of Agronomy, W-321 Turner Hall,
University of Illinois, Urbana, IL, 61801 U.S.A.;
PH: 217/244-4346; FAX: 217/333-4639.
CONTACT: Randall Nelson, Curator
FOUNDED: 1949
OBJECTIVES & ACTIVITIES: The USDA Soybean Germplasm collection maintains, and evaluates soybean germplasm from all over the world. They distribute small quantities of seed and information about accessions in the collection to soybean scientists world wide.
PUBLICATIONS: A variety of documents with info. about the collection and are free to Soybean Scientists worldwide.

Vegetarian Awareness Network — VEGANET ★

P.O. Box 321
Knoxville, TN 37901 U.S.A.;
PH: 800/USA-VEGE.
CONTACT: Lige Weill, Pres.
MEMBERSHIP: A national volunteer service organization to serve those interested in a meatless lifestyle.
OBJECTIVES & ACTIVITIES: To advance public awareness of the economic, environmental, ethical and health benefits of vegetarianism. Database for research and referrals to products and services; consumer discount purchasing exchange; licensing programs; speakers' bureau; news service; charitable, educational and promotional projects. Organize Vegetarian Awareness Month, annually (in October).

VENEZUELA

American Soybean Association—South America & Caribbean Basin ★

Centro Plaza, Torre C, Piso 18,
Los Palos Grandes, Av. Francisco de Miranda,
Caracas 1062, VENEZUELA;
PH: 58/2/283-2329 or 283-7566;
FAX: 58/2/283-6042.
CONTACT: Lloyd Luckett, Dir.
OBJECTIVES & ACTIVITIES: Represents the interests of U.S. soybean farmers with the goal of increasing the use of soybeans and products to better feed the people of the world.

YUGOSLAVIA

Feed Manufacturer's Association

Gunduliceva 45, P.O. Box 609,
Zagreb 41000, YUGOSLAVIA;
PH: 041/445-085 or 442-215;
TLX: 22411 (PZISH YU).
CONTACT: Lidija Pavesic, Mgr., B. Vet. Sc.
FOUNDED: 1946
MEMBERSHIP: 130 feed manufacturers (premixes and complete feed).
OBJECTIVES & ACTIVITIES: Improvement of feed manufacturing in Yugoslavia; arrangement of congresses, meetings, lectures; trading with feed components; representing foreign firms.
PUBLICATIONS: KRMIVA (scientific journal), monthly, 60 DEM/yr.

ZIMBABWE

Commercial Oilseeds Producers' Association ★★

Agriculture House, 113 Moffat Street,
P.O. Box 592, Harare, ZIMBABWE;
PH: 263/14/791881; TLX: 22084 (CFUZW).
CONTACT: George Hutchison, Sr. Exec.
FOUNDED: 1967
MEMBERSHIP: 800 farmers producing soyabeans, groundnuts, and sunflowers.
OBJECTIVES & ACTIVITIES: Promoting production and utilization of all oilseed crops.
PUBLICATIONS: Oilseeds Handbook (C.O.P.A.) (on revision every 4 to 5 years) US $10; Commercial Agriculture (ZIM) Annual US $5.

Processors and Marketers of Soybeans and Other Soy-Based Products

Companies Engaged in the Processing or Marketing of Soybeans or Other Soy-based Products Including:

- SOYBEAN CRUSHERS
- SOYBEAN OIL REFINERS
- SOYFOODS PROCESSORS & MARKETERS
- SPECIALTY SOYBEAN SUPPLIERS
- SOYBEAN BREEDERS
- EXPORTERS, IMPORTERS AND BROKERS OF SOYA PRODUCTS

WHITE PAGES — COMPANIES LISTED BY SOYA PRODUCT

Locate desired product in the following index and turn to page indicated. There you will find names of companies listed under the category you selected. For more information on the companies, turn to the *Yellow Pages* section starting on page 59.

Soya Product Index

Animal/Livestock Feed 24
Broker, Cash/Product 24
Concentrates
  See Soy Protein Concentrates 33
Cooking/Salad Oil 24
Crude Degummed Soybean Oil
  See Soybean Oil, Crude Degummed 39
Crude Soybean Oil
  See Soybean Oil, Crude 38
Edible Soybean Oil Products
  See Soybean Oil Products, Edible 37
Exporter of Soybeans and Soybean Products 25
Fatty Acids
  See Soybean Fatty Acids 34
Fiber, Soy
  See Soy Fiber 30
Flakes, Soy (Full Fat)
  See Soy Flakes, (Full Fat) 30
Flakes, White For Edible Purposes
  See White Flakes for Edible Purposes 46
Fractionated Soybean Oil
  See Soybean Oil, Fractionated 40
Frozen Desserts
  See Nondairy Frozen Desserts 29
Full Fat Soy Flour
  See Soy flour, Full Fat 31
Grits, Soy *See* Soy Grits 32
Hulls, Soybean *See* Soybean Hulls 34
Hydrogenated Soybean Oil
  See Soybean Oil, Hydrogenated 40
Importer of Soybeans and Soybean Products 26
Industrial Soybean Oil Products 27
Isolated Soy Proteins 27
Isolates
  See Isolated Soy Proteins 27
Lecithin, Edible-Grade 28
Lecithin, Industrial-Grade 28
Livestock Feed
  See Animal/Livestock Feed 24
Margarine
  See Soybean Oil Margarine 37
Mayonnaise
  See Salad Dressing 29
Meal, Soybean *See* Soybean Meal 36
Meat Analogs
  See Simulated Meat Products 30
Miso 29
Nondairy Frozen Desserts 29
Nondairy Ice Cream Products
  See Nondairy Frozen Desserts 29
Refined Soybean Oil
  See Soybean Oil, Refined 41
Salad Dressing 29
Salad Oil
  See Cooking/Salad Oil 24
Shortening
  See Soybean Oil Shortening 38
Simulated Meat Products (Analogs) 30
Soy Fiber 30
Soy Flakes (Full Fat) 30
Soy Flour 30
Soy Flour, Full Fat 31
Soy Flour, Textured 32
Soy Flour/Soy Protein, Industrial-Grade 32
Soy Grits 32
Soy Protein Concentrates 33
Soy Protein, Industrial-Grade
  See Soy Flour/Soy Protein, Industrial-Grade 32
Soy Proteins, Isolated
  See Isolated Soy Proteins 27
Soy Sauce 33
Soy Sterols & Tocopherols 34
Soy-Based Foods, Other 34
Soybean Breeder 34
Soybean Fatty Acids 34
Soybean Hulls 34
Soybean Meal 36
Soybean Oil Margarine 37
Soybean Oil Products, Edible 37
Soybean Oil Shortening 38
Soybean Oil, Crude 38
Soybean Oil, Crude Degummed 39
Soybean Oil, Fractionated 40
Soybean Oil, Hydrogenated 40
Soybean Oil, Industrial-Grade 41
Soybean Oil, Refined 41
Soybean Seed Supplier 42
Soybeans 42
Soybeans, Food Use 42
Soybeans, Organically Grown 42
Soyfoods 43
Soymilk, Drinks or Beverages 43
Soymilk, Spray-Dried 44
Soynuts 44
Spray-Dried Soymilk
  See Soymilk, Spray-Dried 44
Spray-Dried Tofu
  See Tofu, Spray-Dried 46
Tempeh 44
Textured Soy Flour
  See Soy Flour, Textured 32
Tocopherols
  See Soy Sterols & Tocopherols 34
Tofu
  See Tofu & Tofu Products 46
Tofu & Tofu Products 46
Tofu, Spray-Dried 46
White Flakes for Edible Purposes 46
Whole Soybean Snacks
  See Soynuts 44

▼ ANIMAL/LIVESTOCK FEED

Bunge Corporation, (U.S.A.) ....P. 35

Lucas Meyer GmbH & Company, (GERMANY) ...Inside Front Cover

Aceitera General Deheza S.A., (ARGENTINA)
Ag Processing Inc, (U.S.A.)
Agro Servicios Ragasa, S.A. de C.V., (MEXICO)
Agronico Inc. , (U.S.A.)
Allana Oil Mills, (INDIA)
Alpine Solvex Limited, (INDIA)
Anderson Clayton, (MEXICO)
BOCM Silcock Ltd., (ENGLAND)
Brökelmann & Company, Oelmühle GmbH & Company, (GERMANY)
Cargill B.V., (NETHERLANDS)
Central Valley Vegetable Oils, (U.S.A.)
Cereol Deutschland GmbH, (GERMANY)
E. Chamorro Industrial S.A., (NICARAGUA)
Cheil Food & Chemical Company, Ltd., (KOREA, REPUBLIC OF (SOUTH KOREA))
William Connolly & Sons Ltd., (IRELAND)
Consorcio Oleaginoso Portuguesa S.A. (COPOSA), (VENEZUELA)
Cooperativa Central Agropecuária Campos Gerais Ltda., (BRAZIL)
Delmon Poultry Company, (BAHRAIN)
A/S Denofa Og Lilleborg Fabriker, (NORWAY)
Dindings Soya & Multifeeds Sdn. Berhad, (MALAYSIA)
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A. W. Ennis Ltd., (IRELAND)
Fong-Mao Industries Company Ltd., (TAIWAN)
Fuji Oil Company, Ltd., Kobe Factory, (JAPAN)
Gardner Smith Pty. Ltd., (AUSTRALIA)
General Foods Limited, (INDIA)
Great Wall Enterprise Company Ltd., (TAIWAN)
Honen Corporation, (JAPAN)
Honeymead Products Company, (U.S.A.)
Hsiao-Kang By-Products Factory, TSC, (TAIWAN)
Industrials Lavador, C. Por A., (DOMINICAN REPUBLIC)
Industrias J. B. Duarte S.A., (BRAZIL)
Innovex Nutrition 1989 Ltd., (NEW ZEALAND)
Kalyan Solvent Extractions Ltd., (INDIA)
Karlshamns Trading & Crushing AB, (SWEDEN)
Jai Kisan Agro Products, (INDIA)
Lee Yeast Zambia Ltd., (ZAMBIA)
Lucas Meyer B.V., (NETHERLANDS)
Lucas Meyer France S.A., (FRANCE)
Lucas Meyer N.V., (BELGIUM)
Lucas Meyer S.A., (SPAIN)
Lucas Meyer SRL, (ITALY)
Lucas Meyer (UK) Ltd., (ENGLAND)
M. P. Oil Extraction Ltd., (INDIA)
Nav Maharashtra Chakan Oil Mills, (INDIA)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Oleica S.A., (ECUADOR)
Oleificio SABO, (SWITZERLAND)
Oleoproteinas del Sureste S.A. de C.V., (MEXICO)
Olivex Ltd., (ISRAEL)
Oswal Agro Mills Ltd., (INDIA)
Perdue Farms, Inc., (U.S.A.)
Perdue, Inc., (U.S.A.)
Premier Industries (India) Ltd., (INDIA)
Productora Nacional de Alimentos Balanceados S.A., (DOMINICAN REPUBLIC)
Proteinas Industriales La Laguna, S.A. de C.V., (MEXICO)
Proteinas y Grasas S.A. (PROGRASA), (HONDURAS)
Quincy Soybean Company of Arkansas, (U.S.A.)
Raision Tehtaat Oy Ab, (FINLAND)
Riverland Oilseed Processors Pty. Ltd., (AUSTRALIA)
Scaldiswerken Ruien N.V., (BELGIUM)
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Shemen Ind. Ltd., (ISRAEL)
Showa Sangyo Company, Ltd., Kashima Factory, (JAPAN)
Showa Sangyo Company, Ltd., Kobe Factory, (JAPAN)
SK Industries, (INDIA)
Societe Industrielle des Oleagineux (SIO), (FRANCE)
Soya Hellas S.A., (GREECE)
Tuottajain Rypsi Oy, (FINLAND)
West Bend Elevator Company, (U.S.A.)
West Central Cooperative, (U.S.A.)

▼ BROKER, CASH/PRODUCT

Identity Seed & Grain Company, (U.S.A.) ....P. 43

Minnesota Waxy, (U.S.A.) ....P. 53

Agrimar S.r.l., (ITALY)
AGRIMPEX Trading Company Ltd., (HUNGARY)
Agro Company of Canada Ltd., (CANADA)
Algemene Oliehandel (AOH), (NETHERLANDS)
Amber, Inc., (U.S.A.)
American Feed Ingredients, Inc., (U.S.A.)
Enrique J. Aramburu, (ARGENTINA)
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Bartlett and Company, (U.S.A.)
Benson-Quinn Company, (U.S.A.)
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Chempro (Pty) Ltd., (SOUTH AFRICA)
Chew International, (U.S.A.)
CICAM S.R.L., (ITALY)
Connell & Company, (U.S.A.)
Continental Grain Company, (U.S.A.)
Cooperative Elevator of Greenwood, (U.S.A.)
N.V. Cottry & Company S.A., (BELGIUM)
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Einhorn's Sons Ltd., (ISRAEL)
J. L. Escamilla Comisiones y Representaciones, (MEXICO)
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Flour & Food Ltd., (INDIA)
Food Ingredients, Inc., (U.S.A.)
G & T Commodities, Inc., (U.S.A.)
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Grupo Interamericano C.A., (VENEZUELA)
Hascoët S.A., (FRANCE)
Hayes General Technology Company Ltd., (ISRAEL)
International Farmers Grain Inc., (U.S.A.)
JFC International Inc., (U.S.A.)
O. H. Little Company, (U.S.A.)
Living Farms, (U.S.A.)
Lockhart Grain & Fertilizer Company, Inc., (U.S.A.)
Marubeni America Corporation, (U.S.A.)
MBS Inc., (U.S.A.)
Mills Brothers International, Inc., (U.S.A.)
Miratrade International, (CANADA)
Mississippi River Grain Elevator, Inc., (U.S.A.)
Mitsubishi International Corp., (U.S.A.)
Mostert Oilseeds BV, (NETHERLANDS)
NKS Eurotrade (UK) Ltd., (ENGLAND)
Opco Industries Ltd., (NEW ZEALAND)
Pacific Soybean & Grain, (U.S.A.)
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The Pillsbury Company, (U.S.A.)
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Promexport Canada Ltd., (CANADA)
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Rainey Commodities, Inc., (U.S.A.)
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Rotterdamsche Margarine Industrie (ROMI) BV, (NETHERLANDS)
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Johannes Schuback & Sohne, (GERMANY)
Scoular Grain Company, (U.S.A.)
Seaboard Trading Limited, (U.S.A.)
SERCOM S.A., (FRANCE)
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A. R. Smith & Company, Inc., (U.S.A.)
Societe Mediterraneene pour les Echanges et les Realisations Commerciales (SOMERCOM), (FRANCE)
Soy-Cot Sales, Inc., (U.S.A.)
Jacob Stern & Sons, Inc., (U.S.A.)
Sumitomo Corporation of America, (U.S.A.)
Taus Trading Company, (U.S.A.)
James C. Taylor Company Inc., (U.S.A.)
Toyomenka (America), Inc., (U.S.A.)
Transcomércio, Companhia de Comércio Internacional, S.A., (PORTUGAL)
Vegoil Trading Company Ltd., (SWITZERLAND)
Wellens & Company, Inc., (U.S.A.)
Wilbur-Ellis Company, (U.S.A.)

▼ CONCENTRATES (See SOY PROTEIN CONCENTRATES)

▼ COOKING/SALAD OIL

Archer Daniels Midland Company, (U.S.A.) Back Cover & P. 28, 48, 49

Riceland Foods, Inc., (U.S.A.) ....P. 55 & 56

SAMRIG S.A., (BRAZIL) ....P. 33

A.D.M. Agri-Industries, Ltd., (CANADA)
A.D.M. Erith Ltd., (ENGLAND)
Aceites Industriales El Zapote, (MEXICO)
ACEPROSA, (SPAIN)
Ag Processing Inc, (U.S.A.)

Agronico Inc., (U.S.A.)
Akzo Chemicals, (GERMANY)
Alimentos Antillanos N.V., (NETHERLANDS ANTILLES)
Allana Oil Mills, (INDIA)
Ambrosia Oils (1976) Ltd., (CYPRUS)
Anupam Extractions Ltd., (INDIA)
Best Foods, CPC International, Inc., (U.S.A.)
Bhavnagar Vegetable Products Unit, (INDIA)
Bunge Foods, (U.S.A.)
C & T Refinery, Inc., (U.S.A.)
Calgene Chemical, Inc., (U.S.A.)
Canada Packers, Inc., (CANADA)
Cardowan Creameries Ltd., (SCOTLAND)
Cheil Food & Chemical Company, Ltd., (KOREA, REPUBLIC OF (SOUTH KOREA))
Colfax, Inc., (U.S.A.)
Colfax of Philadelphia, Inc., (U.S.A.)
Compania Numar S.A., (COSTA RICA)
Compañia Panameña de Aceites, S.A., (PANAMA)
Consorcio Oleaginoso Portuguesa S.A. (COPOSA), (VENEZUELA)
Conway Oil Company, (U.S.A.)
CSP Foods Ltd., (CANADA)
Derivados de Oleaginosas del Valle S.A. de C.V., (MEXICO)
Dong Bang Corporation, (KOREA, REPUBLIC OF (SOUTH KOREA))
The Egyptian National Vegetable Oils Extraction Corp. (ENVOCO), (EGYPT)
Emirates Refining Company, (UNITED ARAB EMIRATES)
Ener-G Foods, Inc., (U.S.A.)
Fabrica de Aceites la Favorita S. A., (ECUADOR)
Fuji Oil Company, Ltd., Han-nan Factory, (JAPAN)
Fwu Sow Grain Products Company, Ltd., (TAIWAN)
Gateway Food Products Company, (U.S.A.)
General Foods Limited, (INDIA)
Grasas Vegetales S.A. (GRAVETAL), (COLOMBIA)
Great Wall Enterprise Company Ltd., (TAIWAN)
Hidrogendora Nacional, S.A. de C.V., (MEXICO)
Holsum Foods, (U.S.A.)
Fritz Homann Lebensmittelwerke GmbH & Company K.G., (GERMANY)
Honen Corporation, (JAPAN)
Honeymead Products Company, (U.S.A.)
Hsiao-Kang By-Products Factory, TSC, (TAIWAN)
HYBCO, U.S.A., (U.S.A.)
IBEROL, S.A., (PORTUGAL)
Industrial Aceitera S.A., (MEXICO)
Industrial Enterprises Company Ltd., (THAILAND)
Industrias Ales C.A., (ECUADOR)
Industrias de Aceite S.A., (BOLIVIA)
Industrias J. B. Duarte S.A., (BRAZIL)
Italiana Olii & Risi S.p.A., (ITALY)
Kalyan Solvent Extractions Ltd., (INDIA)
Karlshamns Trading & Crushing AB, (SWEDEN)
Karlshamns USA Inc., (U.S.A.)
Khyber Agro (Pvt) Limited, (PAKISTAN)
Kraft Food Ingredients Corp., (U.S.A.)
La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A., (MEXICO)
Lou Ana Foods, Inc., (U.S.A.)
LSP Refined Oil Company, (INDIA)
M. P. Oil Extraction Ltd., (INDIA)
Mallet & Company, Inc., (U.S.A.)
The Malwa Vanaspati & Chemical Company Ltd., (INDIA)
Margarinbolaget AB, (SWEDEN)
Miami Margarine Company, (U.S.A.)
Molinos Rio de la Plata S.A., (ARGENTINA)
Nav Maharashtra Chakan Oil Mills, (INDIA)
Nikka Fats & Oils Company, Ltd., (JAPAN)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Noblee & Theorl GmbH, (GERMANY)
O. & L.Sels, (GERMANY)
Oleaginosas del Sureste S.A., (MEXICO)
Oleica S.A., (ECUADOR)
Oleoproteinas del Sureste S.A. de C.V., (MEXICO)
Olivex Ltd., (ISRAEL)
Oljynpuristamo Oy, (FINLAND)
Osterreichische Unilever / Kuner Nahrungsmittel, (AUSTRIA)
Oswal Agro Mills Ltd., (INDIA)
Paksoy Ticaret ve Sanayi AS, (TURKEY)
Patum Vegetable Oil Company, Ltd., (THAILAND)
Penta Manufacturing Company, Inc., (U.S.A.)
Plenty Canada/Sri Lanka Soya Project, (SRI LANKA)
Pokonobe Industries Inc., (CANADA)
President Enterprises Corp., (TAIWAN)
Prestige Foods Limited, (INDIA)
Primeros Hidrogenadores de Aceites y Grasas Ecuatorianos S.A., (ECUADOR)
Procter & Gamble Ltd., (ENGLAND)
Productora Nacional de Alimentos Balanceados S.A., (DOMINICAN REPUBLIC)
Proteinas Industriales La Laguna, S.A. de C.V., (MEXICO)
Proteinas y Grasas S.A. (PROGRASA), (HONDURAS)
Punjab Cooking Oil (Pvt) Limited, (PAKISTAN)
Quality Food Oils, Inc., (U.S.A.)
Quincy Soybean Company of Arkansas, (U.S.A.)
Raision Tehtaat Oy Ab, (FINLAND)
Rich Products Corporation, (U.S.A.)
Riverland Oilseed Processors Pty. Ltd., (AUSTRALIA)
Rotterdamsche Margarine Industrie (ROMI) BV, (NETHERLANDS)
Rustco Products Company, (U.S.A.)
S. E. Rykoff & Company, (U.S.A.)
SAFFOLA Quality Foods, Inc., (U.S.A.)
SAIS, (SWITZERLAND)
Sangli Dist. Soyabean Producers & Processing Co-op. Socy Ltd., (INDIA)
Sardar Oil Mills Limited, (PAKISTAN)
A. Saumweber GmbH, (GERMANY)
The Savola Company, (SAUDI ARABIA)
Seymour Organic Foods, (U.S.A.)
Shemen Ind. Ltd., (ISRAEL)
Showa Sangyo Company, Ltd., Kashima Factory, (JAPAN)
Showa Sangyo Company, Ltd., Kobe Factory, (JAPAN)
Showa Sangyo Company, Ltd., Tsurumi Factory, (JAPAN)
Sociedad Iberica de Molturacion, S.A. (SIMSA), (SPAIN)
STAR Stabilimento Alimentare S.p.A., (ITALY)
TAGOL S.A., (PORTUGAL)
Tay Shan Enterprise Company Ltd., (TAIWAN)
Teth Beth Ltd. , (ISRAEL)
Thanakorn Vegetable Oil Products Company, (THAILAND)
C. Thywissen GmbH, (GERMANY)
Townsends, Inc., (U.S.A.)
Tree of Life, Inc., (U.S.A.)
Tri-Star Soya Products Ltd., (INDIA)
United Edible Oils, Inc., (U.S.A.)
United Soya Products Ltd., (INDIA)
Van den Bergh Foods, (U.S.A.)
Van Den Berghs & Jurgens Ltd., (ENGLAND)
N. V. Vandemoortele, (BELGIUM)
Watt's Alimentos S.A., (CHILE)
Wilsey Foods, Inc., (U.S.A.)
Wysong Corporation, (U.S.A.)
Yamasa Shoyu Company, Ltd., (JAPAN)
Yoshihara Oil Mill, Ltd., (JAPAN)
Zam Zam Enterprises (Pvt) Limited, (PAKISTAN)

▼ CRUDE DEGUMMED SOYBEAN OIL

(See SOYBEAN OIL, CRUDE DEGUMMED)

▼ CRUDE SOYBEAN OIL

(See SOYBEAN OIL, CRUDE)

▼ EDIBLE SOYBEAN OIL PRODUCTS

(See SOYBEAN OIL PRODUCTS, EDIBLE)

▼ EXPORTER OF SOYBEANS AND SOYBEAN PRODUCTS

Hudson Tank Terminals Corporation, (U.S.A.) ....P. 241
Identity Seed & Grain Company, (U.S.A.) ....P. 43
Minnesota Waxy, (U.S.A.) ....P. 53
Mycal Group, Nichii Company of America, Inc., (U.S.A.) ....P. 54
Solait International, Ltd., (U.S.A.) ....P. 57
Strayer Seed Farms, (U.S.A.) ...P. 58
H. J. Underwood Company, Inc., (U.S.A.) ....P. 239
Abripro Biosciences Inc. (ABI), (U.S.A.)
Aceites Industriales El Zapote, (MEXICO)
ACSAL S.A., (SWITZERLAND)
AGRIMPEX Trading Company Ltd., (HUNGARY)
Agrokor, Tvornica za Preradu Soje, (YUGOSLAVIA)
Al-Quadri International, (BANGLADESH)
Alimentos S.A., (GUATEMALA)
Amber, Inc., (U.S.A.)
American Lecithin Company, (U.S.A.)
Enrique J. Aramburu, (ARGENTINA)
Arista Industries, Inc., (U.S.A.)
BAR N.A., Inc., (U S.A.)
Biofix Corporation, (U.S.A.)

Cabotage Trading Company, Inc., (U.S.A.)
Callahan Enterprises, Inc., (U.S.A.)
Central Soya Overseas B.V., Chemurgy Div., (NETHERLANDS)
Cereol Iberica, S.A. , (SPAIN)
Cherwell Valley Silos Ltd., (ENGLAND)
Chew International, (U.S.A.)
Consolidated Grain and Barge Company, (U.S.A.)
Continental Grain Company, (U.S.A.)
Country Grown Foods, (U.S.A.)
DeKalb Pfizer Genetics, (U.S.A.)
A/S Denofa Og Lilleborg Fabriker, (NORWAY)
Distribuidora Veterinaria del Pacifico, S.A. de C.V., (MEXICO)
Dong Bang Corporation, (KOREA, REPUBLIC OF (SOUTH KOREA))
Dr. Chung's Foods Company, Ltd., (KOREA, REPUBLIC OF (SOUTH KOREA))
Louis Dreyfus Corp., (U.S.A.)
Eden Foods, Inc., (U.S.A.)
Ehrich Seed Farms, Inc., (U.S.A.)
Fandrich Supply Company, (U.S.A.)
Flour & Food Ltd., (INDIA)
Fwu Sow Grain Products Company, Ltd., (TAIWAN)
Gardner Smith Pty. Ltd., (AUSTRALIA)
Garnac Grain Company, Inc., (U.S.A.)
General Foods Limited, (INDIA)
Golden Pacific, Inc., (U.S.A.)
Goorden N.V., (BELGIUM)
Granplex, Inc., (U.S.A.)
Great Wall Enterprise Company Ltd., (TAIWAN)
Carl R. Gurley Inc., (U.S.A.)
Howard Hall International, (U.S.A.)
N. & M. Harris & Sons, (AUSTRALIA)
Jacob Hartz Seed Company, Inc., (U.S.A.)
Horizon Trading Company Inc., (U.S.A.)
Illinois Foundation Seed, (U.S.A.)
Industrias J. B. Duarte S.A., (BRAZIL)
International Farmers Grain Inc., (U.S.A.)
International Proteins Corporation, (U.S.A.)
Jai Exports, (INDIA)
JMS Seed Company, (U.S.A.)
King Agro, Division of Kingroup, Inc., (CANADA)
King Grain, (CANADA)
Living Farms, (U.S.A.)
Lockhart Grain & Fertilizer Company, Inc., (U.S.A.)
Lucas Ingredients Ltd., (ENGLAND)
Lumen Food Corporation, (U.S.A.)
Marubeni America Corporation, (U.S.A.)
Maywood Holdings, Inc., (U.S.A.)
Mercantile Food Company, (U.S.A.)
Miami Margarine Company, (U.S.A.)
Midwest Soya International, Inc., (U.S.A.)
Mills Brothers International, Inc., (U.S.A.)
Mitoku Company Ltd., (JAPAN)
Mitsubishi International Corp., (U.S.A.)
Mitsui & Co. (USA), Inc., (U.S.A.)
Mycal Group, Nichii Company of America, Inc., (U.S.A.)
National Protein (PTY) LTD, (SOUTH AFRICA)
National Sun Industries, Inc., (U.S.A.)
Nissho Iwai American Corporation, (U.S.A.)
Nissho Iwai Corporation, (JAPAN)
NKS Eurotrade (UK) Ltd., (ENGLAND)
Noblee & Thoerl GmbH, (GERMANY)
Noctorum , Inc., (CANADA)
Oriac International, (CANADA)
P.A.T.M. Company, (U.S.A.)
Pacific Soybean & Grain, (U.S.A.)
Pagaza & Sons Company, (U.S.A.)
Patum Vegetable Oil Company, Ltd., (THAILAND)
PdT International, Inc., (U.S.A.)
The Pillsbury Company, (U.S.A.)
Pioneer Hi-Bred International, Inc., (U.S.A.)
Port of Houston Authority, (U.S.A.)
Premier Industries (India) Ltd., (INDIA)
President Enterprises Corp., (TAIWAN)
Promexport Canada Ltd., (CANADA)
Rose International, (U.S.A.)
Rotterdamsche Margarine Industrie (ROMI) BV, (NETHERLANDS)
Ruari International Trading Corp. LTD, (GREECE)
Schnupp's Grain Roasting, Inc., (U.S.A.)
Schokhi Industrials Pvt. Ltd., (INDIA)
Schouten Group N.V., (NETHERLANDS)
Schouten USA Inc., (U.S.A.)
Seaboard Trading Limited, (U.S.A.)
Seymour Organic Foods, (U.S.A.)
Siegel Chemical Export Corporation, (U.S.A.)
Sigco Sun Products, Inc., (U.S.A.)
A. R. Smith & Company, Inc., (U.S.A.)
Sociedad Iberica de Molturacion, S.A. (SIMSA), (SPAIN)
Soja International Switzerland Ltd., (HONG KONG)
Sopropêche, (FRANCE)
Spads Biotechnica (P) Ltd., (INDIA)
Specialty Grains, Inc., (U.S.A.)
SPP Cambridge, (ENGLAND)
A. E. Staley Manufacturing Company, Gunther Division, (U.S.A.)
TAGOL S.A., (PORTUGAL)
Terral-Norris Seed Company, Inc., (U.S.A.)
Timmins Group, Inc., (U.S.A.)
Alfred C. Toepfer International, Inc., (U.S.A.)
Tomen America, (U.S.A.)
Toyomenka (America), Inc., (U.S.A.)
W. D. & J. International, (U.S.A.)
Wan Jia Shiang Brewery Company Ltd., (TAIWAN)
Joel Wollner & Associates, (U.S.A.)
Zen-Noh Unico America Corporation, (U.S.A.)

▼ FATTY ACIDS

(See SOYBEAN FATTY ACIDS)

▼ FIBER, SOY

(See SOY FIBER)

▼ FLAKES, SOY (FULL FAT)

(See SOY FLAKES, FULL FAT)

▼ FLAKES, WHITE FOR EDIBLE PURPOSES

(See WHITE FLAKES FOR EDIBLE PURPOSES)

▼ FRACTIONATED SOYBEAN OIL

(See SOYBEAN OIL, FRACTIONATED)

▼ FROZEN DESSERTS

(See NONDAIRY FROZEN DESSERTS)

▼ FULL FAT SOY FLOUR

(See SOY FLOUR, FULL FAT)

▼ GRITS, SOY

(See SOY GRITS)

▼ HULLS, SOYBEAN

(See SOYBEAN HULLS)

▼ HYDROGENATED SOYBEAN OIL

(See SOYBEAN OIL, HYDROGENATED)

▼ IMPORTER OF SOYBEANS AND SOYBEAN PRODUCTS

Hudson Tank Terminals Corporation, (U.S.A.) ....P. 241
AGRIMPEX Trading Company Ltd., (HUNGARY)
Agromaule Ltda., (CHILE)
Al-Quadri International, (BANGLADESH)
Alimentos Concentrados Nacionales, S.A. (ALCON), (HONDURAS)
Alimontos S.A., (GUATEMALA)
Andrews Feeds (Malta) Ltd., (MALTA)
Biotrek S.A., (GREECE)
Central Soya (France) S.A., (FRANCE)
Central Soya Overseas B.V., Chemurgy Div., (NETHERLANDS)
CENTROPROM Export-Import, (YUGOSLAVIA)
Cereol Iberica, S.A. , (SPAIN)
Chempro (Pty) Ltd., (SOUTH AFRICA)
Chew International, (U.S.A.)
CICAM S.R.L., (ITALY)
CONDIMENTA Dr. E. Rendlen GmbH, (GERMANY)
Cooperative des Agriculteurs de Bretagne (COOPACRI-BRETAGNE), (FRANCE)
Country Brand Seeds, Inc., (U.S.A.)
A/S Denofa Og Lilleborg Fabriker, (NORWAY)
Dindings Soya & Multifeeds Sdn. Berhad, (MALAYSIA)
Dong Bang Corporation, (KOREA, REPUBLIC OF (SOUTH KOREA))
Dunn International, Ltd., (U.S.A.)
Eden Foods, Inc., (U.S.A.)
Fwu Sow Grain Products Company, Ltd., (TAIWAN)
Gardner Smith Pty. Ltd., (AUSTRALIA)
Generichem Corporation, (U.S.A.)
Goorden N.V., (BELGIUM)

GRANEXPORT, Enterprise for the Wholesale Trade in Food Products, (YUGOSLAVIA)
Great Eastern Sun, Inc., (U.S.A.)
Great Wall Enterprise Company Ltd., (TAIWAN)
Grupo Interamericano C.A., (VENEZUELA)
Hoecheong International Trading Company Ltd., (THAILAND)
HRANEXPORT, (BULGARIA)
Industrias J. B. Duarte S.A., (BRAZIL)
Interfood Deutschland GmbH, (GERMANY)
International Proteins Corporation, (U.S.A.)
C. Itoh & Company, (America) Inc., (U.S.A.)
C. Itoh & Company, Ltd. (Tokyo), (JAPAN)
Merchants Cold Storage Company, (U.S.A.)
Middle East Analog Technology, (SAUDI ARABIA)
Mills Brothers International, Inc., (U.S.A.)
Miratrade International, (CANADA)
Mitoku Company Ltd., (JAPAN)
Mubarakiah Poultry & Feed Company, (KUWAIT)
National Sun Industries, Inc., (U.S.A.)
Nikken Foods Company Ltd., (U.S.A.)
Nissho Iwai American Corporation, (U.S.A.)
Nissho Iwai Corporation, (JAPAN)
NKS Eurotrade (UK) Ltd., (ENGLAND)
Noblee & Theorl GmbH, (GERMANY)
Opco Industries Ltd., (NEW ZEALAND)
Pagaza & Sons Company, (U.S.A.)
Patum Vegetable Oil Company, Ltd., (THAILAND)
President Enterprises Corp., (TAIWAN)
Proteinas y Lacteos de Mexico, S.A., (Prolak), (MEXICO)
Rotterdamsche Margarine Industrie (ROMI) BV, (NETHERLANDS)
Schouten Group N.V., (NETHERLANDS)
Seaboard Trading Limited, (U.S.A.)
Skandinavisk Levnedsmiddel Rådgivning A/S, (DENMARK)
Sociedad Iberica de Molturacion, S.A. (SIMSA), (SPAIN)
Spads Biotechnica (P) Ltd., (INDIA)
Stern-Lecithin & Soja Gmbh & Co. KG., (GERMANY)
Sumitomo Corporation, (JAPAN)
TAGOL S.A., (PORTUGAL)
Toshoku Ltd., (JAPAN)
Transcomércio, Companhia de Comércio Internacional, S.A., (PORTUGAL)
Vitasoy (USA) Inc., (U.S.A.)
Wellens & Company, Inc., (U.S.A.)
Wellwide Int'l. Ltd., (HONG KONG)
Westbrae Natural Foods, (U.S.A.)
Joel Wollner & Associates, (U.S.A.)

▼ INDUSTRIAL SOYBEAN OIL PRODUCTS

Archer Daniels Midland Company, (U.S.A.) Back Cover & P. 28, 48 & 49
Lucas Meyer GmbH & Company, (GERMANY) .. Inside Front Cover
Allana Oil Mills, (INDIA)
Ambrosia Oils (1976) Ltd., (CYPRUS)
Anderson Clayton, (MEXICO)
BOCM Silcock Ltd., (ENGLAND)
Canada Packers Inc., (CANADA)
Cereol Deutschland GmbH, (GERMANY)
COGRA Lever S.A., (COLOMBIA)
Consorcio Oleaginoso Portuguesa S.A. (COPOSA), (VENEZUELA)
Patrick Cudahy Inc., (U.S.A.)
A/S Denofa Og Lilleborg Fabriker, (NORWAY)
Fabrica de Aceites la Favorita S. A., (ECUADOR)
Fong-Mao Industries Company Ltd., (TAIWAN)
Fuji Oil Company, Ltd., Han-nan Factory, (JAPAN)
Gardner Smith Pty. Ltd., (AUSTRALIA)
General Foods Limited, (INDIA)
Grain States Soya, Inc., (U.S.A.)
Great Wall Enterprise Company Ltd., (TAIWAN)
Henkel Corporation, Emery Group, (U.S.A.)
Honeymead Products Company, (U.S.A.)
Industrias J. B. Duarte S.A., (BRAZIL)
Karlshamns Trading & Crushing AB, (SWEDEN)
La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A., (MEXICO)
Lou Ana Foods, Inc., (U.S.A.)
Lucas Meyer B.V., (NETHERLANDS)
Lucas Meyer France S.A., (FRANCE)
Lucas Meyer N.V., (BELGIUM)
Lucas Meyer S.A., (SPAIN)
Lucas Meyer SRL, (ITALY)
Lucas Meyer (UK) Ltd., (ENGLAND)
Meadow Lea Foods, (AUSTRALIA)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Patum Vegetable Oil Company, Ltd., (THAILAND)
Quincy Soybean Company of Arkansas, (U.S.A.)
Raision Tehtaat Oy Ab, (FINLAND)
Robbe, (FRANCE)
SAIS, (SWITZERLAND)
Shemen Ind. Ltd., (ISRAEL)
Showa Sangyo Company, Ltd., Kashima Factory, (JAPAN)
Showa Sangyo Company, Ltd., Kobe Factory, (JAPAN)
Showa Sangyo Company, Ltd., Tsurumi Factory, (JAPAN)
Soon Soon Oilmills SDN BHD, (MALAYSIA)
Tay Shan Enterprise Company Ltd., (TAIWAN)
Teth Beth Ltd. , (ISRAEL)
Townsends, Inc., (U.S.A.)
Van den Bergh Foods, (U.S.A.)
N. V. Vandemoortele, (BELGIUM)
Walter Rau Neusser Oel und Fett AG, (GERMANY)

▼ ISOLATED SOY PROTEINS

Archer Daniels Midland Company, (U.S.A.) .. Back Cover & P. 28, 48, 49
Edelsoja GmbH, (GERMANY) .....P. 1
Fa. L.I. Frank, (NETHERLANDS) ....P. 31
Lucas Meyer GmbH & Company, (GERMANY) ...Inside Front Cover
SAMRIG S.A., (BRAZIL) ....P. 33
A.D.M. Europoort B.V., (NETHERLANDS)
Atomergic Chemetals Corporation, (U.S.A.)
The British Arkady Company Ltd., (ENGLAND)
Dairyland Products, Inc., (U.S.A.)
Fearn Natural Foods, (U.S.A.)
Fuji Oil Company, Ltd., Han-nan Factory, (JAPAN)
Goorden N.V., (BELGIUM)
La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A., (MEXICO)
Loders Croklaan B.V., (NETHERLANDS)
Lucas Meyer B.V., (NETHERLANDS)
Lucas Meyer France S.A., (FRANCE)
Lucas Meyer N.V., (BELGIUM)
Lucas Meyer S.A., (SPAIN)
Lucas Meyer SRL, (ITALY)
Lucas Meyer (UK) Ltd., (ENGLAND)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Nutritional Food Products India Ltd., (INDIA)
Protein Technologies International, Inc. (JAPAN)
Protein Technologies International, Inc. (ITALY)
Protein Technologies International, Inc. (SPAIN)
Protein Technologies International, Inc. (VENEZUELA)
Protein Technologies International, Inc. (SWEDEN)
Protein Technologies International, Inc. (SWITZERLAND)
Protein Technologies International, Inc. (TAIWAN)
Protein Technologies International, Inc. (THAILAND)
Protein Technologies International, Inc. (ENGLAND)
Protein Technologies International, Inc. (RUSSIA)
Protein Technologies International, Inc. (YUGOSLAVIA)
Protein Technologies International, Inc., (U.S.A.)
Protein Technologies International, Inc., (BELGIUM)
Protein Technologies International, Inc., (CANADA)
Protein Technologies International, Inc., (FRANCE)
Protein Technologies International, Inc., (AUSTRALIA)
Protein Technologies International, Inc., (GERMANY)
Protein Technologies International, Inc., (KOREA, REPUBLIC OF (SOUTH KOREA))
Protein Technologies International, Inc., (MALAYSIA)
Protein Technologies International, Inc., (PHILIPPINES)
Protein Technologies International, Inc., (POLAND)
Protein Technologies International, Inc., (MEXICO)
Rich Products Corporation, (U.S.A.)
Sangli Dist. Soyabean Producers & Processing Co-op. Socy Ltd., (INDIA)
Societe Industrielle des Oleagineux (SIO), (FRANCE)
Stern-Lecithin & Soja Gmbh & Co. KG., (GERMANY)
The Tata Oil Mills Company Ltd., (INDIA)

▼ ISOLATES

(See ISOLATED SOY PROTEINS)

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▼ LECITHIN, EDIBLE-GRADE

Archer Daniels Midland Company, (U.S.A.) .. Back Cover & P. 28, 48, 49
Central Soya Company, Inc., (U.S.A.) ....P. 50
W. A. Cleary Products, Inc., (U.S.A.) ....P. 29
Fa. L.I. Frank, (NETHERLANDS) ....P. 31
Lucas Meyer GmbH & Company, (GERMANY) ...Inside Front Cover
Riceland Foods, Inc., (U.S.A.) ....P. 55 & 56
SAMRIG S.A., (BRAZIL) ....P. 33
A.D.M. Agri-Industries, Ltd., (CANADA)
A.D.M. Erith Ltd., (ENGLAND)
A.D.M. Europoort B.V., (NETHERLANDS)
Aarhus Oliefabrik A/S, (DENMARK)
Aceitera General Deheza S.A., (ARGENTINA)
Aceitera Matamoros, S.A. de C.V., (MEXICO)
Aceites del Caribe S.A., (COLOMBIA)
Aceites y Proteias S.A. (ACEPROSA), (SPAIN)
ACEPROSA, (SPAIN)
Ag Processing Inc, (U.S.A.)
Alpine Solvex Limited, (INDIA)
American Lecithin Company, (U.S.A.)
Atomergic Chemetals Corporation, (U.S.A.)
Avatar Corporation, (U.S.A.)
The British Arkady Company Ltd., (ENGLAND)
Calgene Chemical, Inc., (U.S.A.)
Central Soya of Canada Ltd., (CANADA)
Cereol Deutschland GmbH, (GERMANY)
Cheil Food & Chemical Company, Ltd., (KOREA, REPUBLIC OF (SOUTH KOREA))
A/S Denofa Og Lilleborg Fabriker, (NORWAY)
Derivados de Oleaginosas del Valle S.A. de C.V., (MEXICO)
Fearn Natural Foods, (U.S.A.)
Fwu Sow Grain Products Company, Ltd., (TAIWAN)
General Foods Limited, (INDIA)
Goorden N.V., (BELGIUM)
Grasas S.A., (COLOMBIA)
Grasas Vegetales S.A. (GRAVETAL), (COLOMBIA)
Great Wall Enterprise Company Ltd., (TAIWAN)
Honen Corporation, (JAPAN)
Honeymead Products Company, (U.S.A.)
IBEROL, S.A., (PORTUGAL)
Industrias J. B. Duarte S.A., (BRAZIL)
Italiana Olii & Risi S.p.A., (ITALY)
La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A., (MEXICO)
Lucas Meyer B.V., (NETHERLANDS)
Lucas Meyer France S.A., (FRANCE)
Lucas Meyer, Inc., (U.S.A.)
Lucas Meyer N.V., (BELGIUM)
Lucas Meyer S.A., (SPAIN)
Lucas Meyer SRL, (ITALY)
Lucas Meyer (UK) Ltd., (ENGLAND)
A. Nattermann Phospholipid GmbH, (GERMANY)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Nutrimul B.V., (NETHERLANDS)
Oleoproteinas del Sureste S.A. de C.V., (MEXICO)
Olivex Ltd., (ISRAEL)
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N.V. Vamo Mills, (BELGIUM)
Vamo Mills N.V. Agency Germany, (GERMANY)
Van den Bergh Foods, (U.S.A.)

▼ LECITHIN, INDUSTRIAL-GRADE

Archer Daniels Midland Company, (U.S.A.) .. Back Cover & P. 28, 48, 49
Central Soya Company, Inc., (U.S.A.) ....P. 50
W. A. Cleary Products, Inc., (U.S.A.) ....P. 29
Lucas Meyer GmbH & Company, (GERMANY) ...Inside Front Cover
Riceland Foods, Inc., (U.S.A.) ....P. 55 & 56
SAMRIG S.A., (BRAZIL) ....P. 33
A.D.M. Agri-Industries, Ltd., (CANADA)
ACEPROSA, (SPAIN)
Ag Processing Inc, (U.S.A.)
Agrokor, Tvornica za Preradu Soje, (YUGOSLAVIA)
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O. & L.Sels, (GERMANY)
Oljynpuristamo Oy, (FINLAND)
Paksoy Ticaret ve Sanayi AS, (TURKEY)
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Quincy Soybean Company of Arkansas, (U.S.A.)
Sangli Dist. Soyabean Producers & Processing Co-op. Socy Ltd., (INDIA)
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Stern-Lecithin & Soja Gmbh & Co. KG., (GERMANY)
Thai Vegetable Oil Co. Ltd., (THAILAND)
United Soya Products Ltd., (INDIA)
N.V. Vamo Mills, (BELGIUM)
Vamo Mills N.V. Agency Germany, (GERMANY)
Vippy Solvex Products Ltd., (INDIA)

▼ LIVESTOCK FEED

(See ANIMAL/LIVESTOCK FEED)

▼ MARGARINE

(See SOYBEAN OIL MARGARINE)

▼ MAYONNAISE

(See SALAD DRESSING)

▼ MEAL, SOYBEAN

(See SOYBEAN MEAL)

▼ MEAT ANALOGS

(See SIMULATED MEAT PRODUCTS)

▼ MISO

The American Miso Company, (U.S.A.)
Fantastic Foods, Inc., (U.S.A.)
Full of Beans, (ENGLAND)
Hawaiian Miso & Soy Company, Ltd., (U.S.A.)
LIMA France, (FRANCE)
Marusan-Ai Company, Ltd., (JAPAN)
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Miyako Oriental Foods, Inc., (U.S.A.)
Natural Pacific Tofu, (U.S.A.)
San-J International, Inc., (U.S.A.)
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South River Miso Company, (U.S.A.)
Tree of Life, Inc., (U.S.A.)
Westbrae Natural Foods, (U.S.A.)
Joel Wollner & Associates, (U.S.A.)

▼ NONDAIRY FROZEN DESSERTS

Clofine Dairy & Food Products, Inc., (U.S.A.) ....P. 45 & 51

AB Winner, (SWEDEN)
Barricini Foods, Inc., (U.S.A.)
Berrydales Ltd., (ENGLAND)
Cauldron Foods Ltd., (ENGLAND)
Country Farmhouse Soya Products, (JAMAICA)
Farina Limited, (NIGERIA)
Fraser & Neave (Singapore) Pte. Ltd., (SINGAPORE)
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Rich Products Corporation, (U.S.A.)
Rose International, (U.S.A.)
Rosewood Products Inc., (U.S.A.)
Soyworld, Inc., (U.S.A.)
Tofutti Brands Inc., (U.S.A.)
Unisoya, Inc., (CANADA)
Van den Bergh Foods, (U.S.A.)
White Wave, Inc., (U.S.A.)

▼ NONDAIRY ICE CREAM PRODUCTS

(See NONDAIRY FROZEN DESSERTS)

▼ REFINED SOYBEAN OIL

(See SOYBEAN OIL, REFINED)

▼ SALAD DRESSING

Clofine Dairy & Food Products, Inc., (U.S.A.) ....P. 45 & 51

A.D.M. Agri-Industries, Ltd., (CANADA)
Aceites Industriales El Zapote, (MEXICO)
Akzo Chemicals, (GERMANY)
Best Foods, CPC International, Inc., (U.S.A.)
Bunge Foods, (U.S.A.)
C & T Refinery, Inc., (U.S.A.)
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Dong Bang Corporation, (KOREA, REPUBLIC OF (SOUTH KOREA))
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Soja Innovation Alimentaire (SOJINAL), (FRANCE)
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Van den Bergh Foods, (U.S.A.)
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Wysong Corporation, (U.S.A.)

▼ SALAD OIL

(See COOKING/SALAD OIL)

▼ SHORTENING

(See SOYBEAN OIL SHORTENING)

▼ SIMULATED MEAT PRODUCTS (ANALOGS)

Archer Daniels Midland Company, (U.S.A.) .. Back Cover & P. 28, 48, 49
Alimentos S.A., (GUATEMALA)
Asahi Industries Company, Ltd., (JAPAN)
Biotrek S.A., (GREECE)
Georg Breuer GmbH Food Agency, (GERMANY)
The British Arkady Company Ltd., (ENGLAND)
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General Spice, Inc., (U.S.A.)
GMB Proteins, (ENGLAND)
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Industrial de Alimentos, S.A., (MEXICO)
L.J.B. Enterprises, Inc., (U.S.A.)
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Lightlife Foods, Inc., (U.S.A.)
Lucas Ingredients Ltd., (ENGLAND)
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Middle East Analog Technology, (SAUDI ARABIA)
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Rosewood Products Inc., (U.S.A.)
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Societe Industrielle des Oleagineux (SIO), (FRANCE)
Sogip, (FRANCE)
Spring Creek Natural Foods, (U.S.A.)
Summercorn Foods, Inc., (U.S.A.)
Timmins Group, Inc., (U.S.A.)
Tumaros, Inc., (U.S.A.)
Unisoya, Inc., (CANADA)
White Wave, Inc., (U.S.A.)
Worthington Foods, Inc., (U.S.A.)

▼ SOY FIBER

DMV USA, (U.S.A.) .... P. 52
Edelsoja GmbH, (GERMANY) ..... P. 1
Fa. L.I. Frank, (NETHERLANDS) .... P. 31
SAMRIG S.A., (BRAZIL) .... P. 33
Aarhus Oliefabrik A/S, (DENMARK)
Georg Breuer GmbH Food Agency, (GERMANY)
The British Arkady Company Ltd., (ENGLAND)
Charlie Lin's "Vitalite" Foods, (U.S.A.)
Ener-G Foods, Inc., (U.S.A.)
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Solnuts, Inc., (U.S.A.)
SPP Cambridge, (ENGLAND)
Stern-Lecithin & Soja Gmbh & Co. KG., (GERMANY)

▼ SOY FLAKES (FULL FAT)

Mycal Group, Nichii Company of America, Inc., (U.S.A.) .... P. 54
Arrowhead Mills, Inc., (U.S.A.)
Asia Protein Company, Ltd., (JAPAN)
Country Grown Foods, (U.S.A.)
Honeymead Products Company, (U.S.A.)
Lucas Meyer B.V., (NETHERLANDS)
Lucas Meyer France S.A., (FRANCE)
Lucas Meyer N.V., (BELGIUM)
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Plenty Canada/Sri Lanka Soya Project, (SRI LANKA)
Solbar Hatzor Ltd., (ISRAEL)

▼ SOY FLOUR

Archer Daniels Midland Company, (U.S.A.) .. Back Cover & P. 28, 48, 49
Central Soya Company, Inc., (U.S.A.) .... P. 50
DMV USA, (U.S.A.) .... P. 52
Edelsoja GmbH, (GERMANY) ..... P. 1
Fa. L.I. Frank, (NETHERLANDS) .... P. 31
Minnesota Waxy, (U.S.A.) .... P. 53
SAMRIG S.A., (BRAZIL) .... P. 33
A.D.M. Europoort B.V., (NETHERLANDS)
Aarhus Oliefabrik A/S, (DENMARK)
Aceites y Proteias S.A. (ACEPROSA), (SPAIN)
ACEPROSA, (SPAIN)
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Wysong Corporation, (U.S.A.)

▼ SOY FLOUR, FULL FAT

Archer Daniels Midland Company, (U.S.A.) .. Back Cover & P. 28, 48, 49
DMV USA, (U.S.A.) .... P. 52
Edelsoja GmbH, (GERMANY) ..... P. 1
Fa. L.I. Frank, (NETHERLANDS) .... P. 31
Minnesota Waxy, (U.S.A.) .... P. 53
Aceites y Proteias S.A. (ACEPROSA), (SPAIN)
ACEPROSA, (SPAIN)
Agronico Inc., (U.S.A.)
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Lee Yeast Zambia Ltd., (ZAMBIA)
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Lucas Meyer B.V., (NETHERLANDS)
Lucas Meyer France S.A., (FRANCE)
Lucas Meyer, Inc., (U.S.A.)
Lucas Meyer N.V., (BELGIUM)
Lucas Meyer S.A., (SPAIN)
Lucas Meyer SRL, (ITALY)
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Nutrimul B.V., (NETHERLANDS)
Oleaginosas Españolas, S.A. (OESA), (SPAIN)
Oljynpuristamo Oy, (FINLAND)
Plenty Canada/Sri Lanka Soya Project, (SRI LANKA)
Premier Industries (India) Ltd., (INDIA)
Productos Alimenticios Delicias S.A. de C.V., (MEXICO)
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Solnuts, Inc., (U.S.A.)
SPP Cambridge, (ENGLAND)
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TAGOL S.A., (PORTUGAL)
N.V. Vamo Mills, (BELGIUM)
Vamo Mills N.V. Agency Germany, (GERMANY)
Wysong Corporation, (U.S.A.)

▼ SOY FLOUR, TEXTURED

Central Soya Company, Inc., (U.S.A.) ....P. 50
DMV USA, (U.S.A.) ....P. 52
Edelsoja GmbH, (GERMANY) .....P. 1
SAMRIG S.A., (BRAZIL) ....P. 33
Aarhus Oliefabrik A/S, (DENMARK)
Agronico Inc., (U.S.A.)
Allana Oil Mills, (INDIA)
Georg Breuer GmbH Food Agency, (GERMANY)
The British Arkady Company Ltd., (ENGLAND)
Cargill B.V., (NETHERLANDS)
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Dong Bang Corporation, (KOREA, REPUBLIC OF (SOUTH KOREA))
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Fearn Natural Foods, (U.S.A.)
General Foods Limited, (INDIA)
General Spice, Inc., (U.S.A.)
GMB Proteins, (ENGLAND)
Goorden N.V., (BELGIUM)
Industrial de Alimentos, S.A., (MEXICO)
Loders Croklaan B.V., (NETHERLANDS)
Lucas Ingredients Ltd., (ENGLAND)
Lucas Meyer B.V., (NETHERLANDS)
Lucas Meyer France S.A., (FRANCE)
Lucas Meyer N.V., (BELGIUM)
Lucas Meyer S.A., (SPAIN)
Lucas Meyer SRL, (ITALY)
Lucas Meyer (UK) Ltd., (ENGLAND)
National Protein (PTY) LTD, (SOUTH AFRICA)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
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Premier Industries (India) Ltd., (INDIA)
Sangli Dist. Soyabean Producers & Processing Co-op. Socy Ltd., (INDIA)
Societe Industrielle des Oleagineux (SIO), (FRANCE)
Sogip, (FRANCE)
Solbar Hatzor Ltd., (ISRAEL)
Soy Foods (F&W) Ltd., (SRI LANKA)

▼ SOY FLOUR/SOY PROTEIN, INDUSTRIAL-GRADE

Fa. L.I. Frank, (NETHERLANDS) ....P. 31
Minnesota Waxy, (U.S.A.) ....P. 53
SAMRIG S.A., (BRAZIL) ....P. 33
Aceites y Derivados del Pacifico S.A., (MEXICO)
ACEPROSA, (SPAIN)
Ag Processing Inc, (U.S.A.)
Agro Servicios Ragasa, S.A. de C.V., (MEXICO)
Enrique J. Aramburu, (ARGENTINA)
Cargill, Inc., (U.S.A.)
Cereol Iberica, S.A. , (SPAIN)
Cherwell Ralli Europe, (FRANCE)
Cherwell Valley Silos Ltd., (ENGLAND)
William Connolly & Sons Ltd., (IRELAND)
Country Grown Foods, (U.S.A.)
Dindings Soya & Multifeeds Sdn. Berhad, (MALAYSIA)
Dong Bang Corporation, (KOREA, REPUBLIC OF (SOUTH KOREA))
Ener-G Foods, Inc., (U.S.A.)
Fong-Mao Industries Company Ltd., (TAIWAN)
Gardner Smith Pty. Ltd., (AUSTRALIA)
General Foods Limited, (INDIA)
Grain States Soya, Inc., (U.S.A.)
Grasas S.A., (COLOMBIA)
Great Wall Enterprise Company Ltd., (TAIWAN)
Hendrix Voeders B.V., (NETHERLANDS)
Honeymead Products Company, (U.S.A.)
IBEROL, S.A., (PORTUGAL)
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N.V. Vamo Mills, (BELGIUM)
Vippy Solvex Products Ltd., (INDIA)

▼ SOY GRITS

Archer Daniels Midland Company, (U.S.A.) .. Back Cover & P. 28, 48, 49
Edelsoja GmbH, (GERMANY) .....P. 1
Fa. L.I. Frank, (NETHERLANDS) P. 31
SAMRIG S.A., (BRAZIL) ....P. 33
A.D.M. Europoort B.V., (NETHERLANDS)
Aarhus Oliefabrik A/S, (DENMARK)
Ag Processing Inc, (U.S.A.)
Allana Oil Mills, (INDIA)
Alpine Solvex Limited, (INDIA)
Enrique J. Aramburu, (ARGENTINA)
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The British Arkady Company Ltd., (ENGLAND)
Cargill B.V., (NETHERLANDS)
Cargill, Inc., (U.S.A.)
Central Soya Overseas B.V., Chemurgy Div., (NETHERLANDS)
Cheil Food & Chemical Company, Ltd., (KOREA, REPUBLIC OF (SOUTH KOREA))
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Ener-G Foods, Inc., (U.S.A.)
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Lucas Meyer France S.A., (FRANCE)
Lucas Meyer, Inc., (U.S.A.)
Lucas Meyer N.V., (BELGIUM)
Lucas Meyer S.A., (SPAIN)
Lucas Meyer SRL, (ITALY)

Lucas Meyer (UK) Ltd., (ENGLAND)
National Protein (PTY) LTD, (SOUTH AFRICA)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Oljynpuristamo Oy, (FINLAND)
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Sangli Dist. Soyabean Producers & Processing Co-op. Socy Ltd., (INDIA)
Societe Industrielle des Oleagineux (SIO), (FRANCE)
Sogip, (FRANCE)
Solnuts B.V., (NETHERLANDS)
Solnuts, Inc., (U.S.A.)
Sopropêche, (FRANCE)
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Stern-Lecithin & Soja Gmbh & Co. KG., (GERMANY)
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Vamo Mills N.V. Agency Germany, (GERMANY)
Vippy Solvex Products Ltd., (INDIA)

▼ SOY PROTEIN CONCENTRATES

Archer Daniels Midland Company, (U.S.A.) .. Back Cover & P. 28, 48, 49
Central Soya Company, Inc., (U.S.A.) .... P. 50
Edelsoja GmbH, (GERMANY) ..... P. 1
Fa. L.I. Frank, (NETHERLANDS) .... P. 31
SAMRIG S.A., (BRAZIL) .... P. 33
Aarhus Oliefabrik A/S, (DENMARK)
Georg Breuer GmbH Food Agency, (GERMANY)
The British Arkady Company Ltd., (ENGLAND)
Central Soya Company, Inc., (U.S.A.)
Central Soya Overseas B.V., Chemurgy Div., (NETHERLANDS)
General Spice, Inc., (U.S.A.)
Loders Croklaan B.V., (NETHERLANDS)
Lucas Ingredients Ltd., (ENGLAND)
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Lucas Meyer France S.A., (FRANCE)
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(See SOY FLOUR/ SOY PROTEIN, INDUSTRIAL-GRADE)

▼ SOY PROTEINS, ISOLATED

(See ISOLATED SOY PROTEINS)

▼ SOY SAUCE

Fa. L.I. Frank, (NETHERLANDS) P.31
Bountiful Bean Soyfoods, (U.S.A.)
Champlain Industries, Inc., (U.S.A.)
Eaton & Son Sauce Co., Ltd., (JAMAICA)
Eden Foods, Inc., (U.S.A.)
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Higeta Shoyu Company, Ltd., (JAPAN)
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Tay Shan Enterprise Company Ltd., (TAIWAN)

▼ SOY-BASED FOODS, OTHER

Clofine Dairy & Food Products, Inc., (U.S.A.) ....P. 45 & 51
Fa. L.I. Frank, (NETHERLANDS) ....P. 31
Mycal Group, Nichii Company of America, Inc., (U.S.A.) ....P. 54
American Natural Snacks, Inc., (U.S.A.)
Ashland Soy Works, (U.S.A.)
Atomergic Chemetals Corporation, (U.S.A.)
Avatar Corporation, (U.S.A.)
Azumaya Inc., (U.S.A.)
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Van den Bergh Foods, (U.S.A.)
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Joel Wollner & Associates, (U.S.A.)
Worthington Foods, Inc., (U.S.A.)
Wysong Corporation, (U.S.A.)

▼ SOYBEAN BREEDER

Strayer Seed Farms, (U.S.A.)...P. 58
H. J. Underwood Company, Inc., (U.S.A.) ....P. 239
Abripro Biosciences Inc. (ABI), (U.S.A.)
Callahan Enterprises, Inc., (U.S.A.)
Country Brand Seeds, Inc., (U.S.A.)
Dairyland Seed Company, Inc., (U.S.A.)
DeKalb Pfizer Genetics, (U.S.A.)
Delta & Pineland Company, (U.S.A.)
Jacob Hartz Seed Company, Inc., (U.S.A.)
Illinois Foundation Seed, (U.S.A.)
JMS Seed Company, (U.S.A.)
King Agro, Division of Kingroup, Inc., (CANADA)
Nidera Argentina S.A., (ARGENTINA)
Pioneer Hi-Bred International, Inc., (U.S.A.)
Pro-Seed, Inc., (U.S.A.)
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Terral-Norris Seed Company, Inc., (U.S.A.)

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▼ SOYBEAN HULLS

Archer Daniels Midland Company, (U.S.A.) .. Back Cover & P. 28, 48, 49
Bunge Corporation, (U.S.A.) ....P. 35
Central Soya Company, Inc., (U.S.A.) ....P. 50
Riceland Foods, Inc., (U.S.A.) ....P. 55 & 56
SAMRIG S.A., (BRAZIL) ....P. 33
A.D.M. Agri-Industries, Ltd., (CANADA)
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▼ SOYBEAN MEAL

Archer Daniels Midland Company, (U.S.A.) .. Back Cover & P. 28, 48, 49
Bunge Corporation, (U.S.A.) ....P. 35
Central Soya Company, Inc., (U.S.A.) ....P. 50
Minnesota Waxy, (U.S.A.) ....P. 53
Riceland Foods, Inc., (U.S.A.) ....P. 55 & 56
SAMRIG S.A., (BRAZIL) ....P. 33
A.D.M. Agri-Industries, Ltd., (CANADA)
A.D.M. Erith Ltd., (ENGLAND)
A.D.M. Europoort B.V., (NETHERLANDS)
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Oelmüehle Hamburg AG, (GERMANY)
Oleaginosas del Sureste S.A., (MEXICO)
Oleaginosas Españolas, S.A. (OESA), (SPAIN)
Olivex Ltd., (ISRAEL)
Oljynpuristamo Oy, (FINLAND)
Oswal Agro Mills Ltd., (INDIA)
Paksoy Ticaret ve Sanayi AS, (TURKEY)
Pasir Gudang Edible Oils Sdn. Bhd., (MALAYSIA)
Pendleton Oil Mill, Inc., (U.S.A.)
Perdue Farms, Inc., (U.S.A.)

Perdue, Inc., (U.S.A.)
Premier Industries (India) Ltd., (INDIA)
Prestige Foods Limited, (INDIA)
Primeros Hidrogenadores de Aceites y Grasas Ecuatorianos S.A., (ECUADOR)
Producers Cooperative Association, (U.S.A.)
Productora Nacional de Alimentos Balanceados S.A., (DOMINICAN REPUBLIC)
Produtora e Refinadora de Oleos, S.A. (PRAZOL), (PORTUGAL)
Protein Dirivates Limited, (NIGERIA)
Proteinas Basicas, S.A. de C.V., (MEXICO)
Proteinas Naturales, S.A. de C.V., (MEXICO)
Proteinas y Aceites del Bajio, S.A. de C.V. (PROTABSA), (MEXICO)
Proteinas y Grasas S.A. (PROGRASA), (HONDURAS)
Quincy Soybean Company, (U.S.A.)
Quincy Soybean Company of Arkansas, (U.S.A.)
Raision Tehtaat Oy Ab, (FINLAND)
Rajasthan Vanaspati Products Ltd., (INDIA)
Riverland Oilseed Processors Pty. Ltd., (AUSTRALIA)
SAIS, (SWITZERLAND)
Sam Yang Oil & Feed Company, Ltd., (KOREA, REPUBLIC OF (SOUTH KOREA))
Sangli Dist. Soyabean Producers & Processing Co-op. Socy Ltd., (INDIA)
The Savola Company, (SAUDI ARABIA)
Schokhi Industrials Pvt. Ltd., (INDIA)
Shemen Ind. Ltd., (ISRAEL)
Showa Sangyo Company, Ltd., Kashima Factory, (JAPAN)
Showa Sangyo Company, Ltd., Kobe Factory, (JAPAN)
Sociedad Aceitera del Oriente S.A. (SAO), (BOLIVIA)
Sociedad Iberica de Molturacion, S.A. (SIMSA), (SPAIN)
Societe d'Exploitation Des Produits Oleagineux (SEPO), (MOROCCO)
Societe Industrielle des Oleagineux (SIO), (FRANCE)
Solbar Hatzor Ltd., (ISRAEL)
Soon Soon Oilmills SDN BHD, (MALAYSIA)
Southern Soya Corp., (U.S.A.)
Soya Hellas S.A., (GREECE)
Soya Mainz GmbH & Co. Kommanditgesellschaft, (GERMANY)
TAGOL S.A., (PORTUGAL)
Tankay S.A., (ARGENTINA)
Tay Shan Enterprise Company Ltd., (TAIWAN)
Teth Beth Ltd. , (ISRAEL)
Thanakorn Vegetable Oil Products Company, (THAILAND)
C. Thywissen GmbH, (GERMANY)
Townsends, Inc., (U.S.A.)
Toyo Oil Mills Company, Inc., (JAPAN)
Tri-Star Soya Products Ltd., (INDIA)
United Soya Products Ltd., (INDIA)
N.V. Vamo Mills, (BELGIUM)
Vamo Mills S.A., (FRANCE)
Vippy Solvex Products Ltd., (INDIA)
West Bend Elevator Company, (U.S.A.)
Yoshihara Oil Mill, Ltd., (JAPAN)
Zuaitzo Proteinas Vegetales, (SPAIN)

▼ SOYBEAN OIL MARGARINE

Archer Daniels Midland Company, (U.S.A.) Back Cover & P. 28, 48 & 49

A.D.M. Agri-Industries, Ltd., (CANADA)
Alimentos Antillanos N.V., (NETHERLANDS ANTILLES)
Best Foods, CPC International, Inc., (U.S.A.)
Bhavnagar Vegetable Products Unit, (INDIA)
Bunge Foods, (U.S.A.)
C & T Refinery, Inc., (U.S.A.)
Canada Packers Inc., (CANADA)
Cardowan Creameries Ltd., (SCOTLAND)
Central Valley Vegetable Oils, (U.S.A.)
COGRA Lever S.A., (COLOMBIA)
Compania Numar S.A., (COSTA RICA)
Compañia Panameña de Aceites, S.A., (PANAMA)
Consorcio Oleaginoso Portuguesa S.A. (COPOSA), (VENEZUELA)
Conway Oil Company, (U.S.A.)
Emirates Refining Company, (UNITED ARAB EMIRATES)
Fabrica de Aceites la Favorita S. A., (ECUADOR)
Fuji Oil Company, Ltd., Han-nan Factory, (JAPAN)
Grasas Vegetales S.A. (GRAVETAL), (COLOMBIA)
Holsum Foods, (U.S.A.)
Fritz Homann Lebensmittelwerke GmbH & Company K.G., (GERMANY)
Honeymead Products Company, (U.S.A.)
HYBCO, U.S.A., (U.S.A.)
Industrials Lavador, C. Por A., (DOMINICAN REPUBLIC)
Industrias Ales C.A., (ECUADOR)
Industrias de Aceite S.A., (BOLIVIA)
Karlshamns Trading & Crushing AB, (SWEDEN)
Karlshamns USA Inc., (U.S.A.)
Kraft Food Ingredients Corp., (U.S.A.)
Lever Brothers Company, (U.S.A.)
LSP Refined Oil Company, (INDIA)
Margarinbolaget AB, (SWEDEN)
Matthews Foods PLC, (ENGLAND)
Meadow Lea Foods, (AUSTRALIA)
Miami Margarine Company, (U.S.A.)
Molinos Rio de la Plata S.A., (ARGENTINA)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Oleica S.A., (ECUADOR)
Paksoy Ticaret ve Sanayi AS, (TURKEY)
President Enterprises Corp., (TAIWAN)
Primeros Hidrogenadores de Aceites y Grasas Ecuatorianos S.A., (ECUADOR)
Productora Nacional de Alimentos Balanceados S.A., (DOMINICAN REPUBLIC)
Proteinas y Grasas S.A. (PROGRASA), (HONDURAS)
Punjab Cooking Oil (Pvt) Limited, (PAKISTAN)
Raision Tehtaat Oy Ab, (FINLAND)
Rich Products Corporation, (U.S.A.)
Riverland Oilseed Processors Pty. Ltd., (AUSTRALIA)
Rotterdamsche Margarine Industrie (ROMI) BV, (NETHERLANDS)
Rustco Products Company, (U.S.A.)
SAFFOLA Quality Foods, Inc., (U.S.A.)
SAIS, (SWITZERLAND)
Sam Lip Oil & Fats Company, Ltd., (KOREA, REPUBLIC OF (SOUTH KOREA))
A. Saumweber GmbH, (GERMANY)
Shree Shiv Shakti Ghee Udyog Pvt. Ltd., (NEPAL)
Snow Brand Milk Products Company, Ltd., (JAPAN)
Soc. Productores de Leche S.A. (SOPROLE), (CHILE)
STAR Stabilimento Alimentare S.p.A., (ITALY)
TAGOL S.A., (PORTUGAL)
Teth Beth Ltd. , (ISRAEL)
Tree of Life, Inc., (U.S.A.)
Van den Bergh Foods, (U.S.A.)
Van Den Berghs & Jurgens Ltd., (ENGLAND)
N. V. Vandemoortele, (BELGIUM)
Watt's Alimentos S.A., (CHILE)
Wilsey Foods, Inc., (U.S.A.)

▼ SOYBEAN OIL PRODUCTS, EDIBLE

Archer Daniels Midland Company, (U.S.A.) .. Back Cover & P. 28, 48, 49

Lucas Meyer GmbH & Company, (GERMANY) ...Inside Front Cover

Riceland Foods, Inc., (U.S.A.) ....P. 55 & 56

A.D.M. Agri-Industries, Ltd., (CANADA)
A.D.M. Erith Ltd., (ENGLAND)
A.D.M. Europoort B.V., (NETHERLANDS)
Aarhus Oliefabrik A/S, (DENMARK)
Aceitera Matamoros, S.A. de C.V., (MEXICO)
Aceites Industriales El Zapote, (MEXICO)
ACEPROSA, (SPAIN)
Ag Processing Inc, (U.S.A.)
Agronico Inc. , (U.S.A.)
Akzo Chemicals, (GERMANY)
Alimentos Antillanos N.V., (NETHERLANDS ANTILLES)
Allana Oil Mills, (INDIA)
Ambrosia Oils (1976) Ltd., (CYPRUS)
Anderson Clayton, (MEXICO)
Anupam Extractions Ltd., (INDIA)
Bunge Foods, (U.S.A.)
C & T Refinery, Inc., (U.S.A.)
Canada Packers Inc., (CANADA)
Cereol Deutschland GmbH, (GERMANY)
COGRA Lever S.A., (COLOMBIA)
Colfax, Inc., (U.S.A.)
Colfax of Philadelphia, Inc., (U.S.A.)
Consorcio Oleaginoso Portuguesa S.A. (COPOSA), (VENEZUELA)
Conway Oil Company, (U.S.A.)
Country Grown Foods, (U.S.A.)
CSP Foods Ltd., (CANADA)
Patrick Cudahy Inc., (U.S.A.)
A/S Denofa Og Lilleborg Fabriker, (NORWAY)
Derivados de Oleaginosas del Valle S.A. de C.V., (MEXICO)
Dong Bang Corporation, (KOREA, REPUBLIC OF (SOUTH KOREA))
The Egyptian National Vegetable Oils Extraction Corp. (ENVOCO), (EGYPT)
Ener-G Foods, Inc., (U.S.A.)
Fabrica de Aceites la Favorita S. A., (ECUADOR)
Fong-Mao Industries Company Ltd., (TAIWAN)
Fuji Oil Company, Ltd., Han-nan Factory, (JAPAN)
Fwu Sow Grain Products Company, Ltd., (TAIWAN)
General Foods Limited, (INDIA)

Grasas S.A., (COLOMBIA)
Grasas Vegetales S.A. (GRAVETAL), (COLOMBIA)
Great Wall Enterprise Company Ltd., (TAIWAN)
Hidrogendora Nacional, S.A. de C.V., (MEXICO)
Honen Corporation, (JAPAN)
Honeymead Products Company, (U.S.A.)
Hsiao-Kang By-Products Factory, TSC, (TAIWAN)
Industrial Aceitera S.A., (MEXICO)
Industrials Lavador, C. Por A., (DOMINICAN REPUBLIC)
Industrias Ales C.A., (ECUADOR)
Industrias de Aceite S.A., (BOLIVIA)
Industrias J. B. Duarte S.A., (BRAZIL)
Karlshamns Trading & Crushing AB, (SWEDEN)
La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A., (MEXICO)
Les Huileries de Meknes, (MOROCCO)
Loders Croklaan B.V., (NETHERLANDS)
Lou Ana Foods, Inc., (U.S.A.)
Lucas Meyer B.V., (NETHERLANDS)
Lucas Meyer France S.A., (FRANCE)
Lucas Meyer N.V., (BELGIUM)
Lucas Meyer S.A., (SPAIN)
Lucas Meyer SRL, (ITALY)
Lucas Meyer (UK) Ltd., (ENGLAND)
M. P. Oil Extraction Ltd., (INDIA)
The Malwa Vanaspati & Chemical Company Ltd., (INDIA)
Meadow Lea Foods, (AUSTRALIA)
Molinos Rio de la Plata S.A., (ARGENTINA)
Negociacion Industrial Santa Lucia S.A., (MEXICO)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Oleaginosas del Sureste S.A., (MEXICO)
Oleica S.A., (ECUADOR)
Oleoproteinas del Sureste S.A. de C.V., (MEXICO)
Olivex Ltd., (ISRAEL)
Paksoy Ticaret ve Sanayi AS, (TURKEY)
Patum Vegetable Oil Company, Ltd., (THAILAND)
Penta Manufacturing Company, Inc., (U.S.A.)
Pokonobe Industries Inc., (CANADA)
Premier Industries (India) Ltd., (INDIA)
President Enterprises Corp., (TAIWAN)
Prestige Foods Limited, (INDIA)
Primeros Hidrogenadores de Aceites y Grasas Ecuatorianos S.A., (ECUADOR)
Productora Nacional de Alimentos Balanceados S.A., (DOMINICAN REPUBLIC)
Protein Dirivates Limited, (NIGERIA)
Proteinas y Grasas S.A. (PROGRASA), (HONDURAS)
Quincy Soybean Company of Arkansas, (U.S.A.)
SAIS, (SWITZERLAND)
Sangli Dist. Soyabean Producers & Processing Co-op. Socy Ltd., (INDIA)
The Savola Company, (SAUDI ARABIA)
Shemen Ind. Ltd., (ISRAEL)
Showa Sangyo Company, Ltd., Kashima Factory, (JAPAN)
Showa Sangyo Company, Ltd., Kobe Factory, (JAPAN)
Showa Sangyo Company, Ltd., Tsurumi Factory, (JAPAN)
Shree Mansingka Oil Mills Ltd., (INDIA)
Societe Industrielle des Oleagineux (SIO), (FRANCE)
STAR Stabilimento Alimentare S.p.A., (ITALY)
TAGOL S.A., (PORTUGAL)
Thanakorn Vegetable Oil Products Company, (THAILAND)
C. Thywissen GmbH, (GERMANY)
Townsends, Inc., (U.S.A.)
Toyo Oil Mills Company, Inc., (JAPAN)
Tri-Star Soya Products Ltd., (INDIA)
United Soya Products Ltd., (INDIA)
Universal Edible Oils, Inc. (UNEDO), (U.S.A.)
Van den Bergh Foods, (U.S.A.)
Van Den Berghs & Jurgens Ltd., (ENGLAND)
N. V. Vandemoortele, (BELGIUM)
Vippy Solvex Products Ltd., (INDIA)
Walter Rau Neusser Oel und Fett AG, (GERMANY)
Watt's Alimentos S.A., (CHILE)
Yoshihara Oil Mill, Ltd., (JAPAN)

▼ SOYBEAN OIL SHORTENING

Archer Daniels Midland Company, (U.S.A.) .. Back Cover & P. 28, 48, 49
Riceland Foods, Inc., (U.S.A.) .... P. 55 & 56
SAMRIG S.A., (BRAZIL) .... P. 33
A.D.M. Agri-Industries, Ltd., (CANADA)
Aceites Industriales El Zapote, (MEXICO)
Alimentos Antillanos N.V., (NETHERLANDS ANTILLES)
Anderson Clayton, (MEXICO)
Bunge Foods, (U.S.A.)
Calgene Chemical, Inc., (U.S.A.)
Canada Packers Inc., (CANADA)
Cardowan Creameries Ltd., (SCOTLAND)
COGRA Lever S.A., (COLOMBIA)
Colfax, Inc., (U.S.A.)
Compañia Panameña de Aceites, S.A., (PANAMA)
Consorcio Oleaginoso Portuguesa S.A. (COPOSA), (VENEZUELA)
Conway Oil Company, (U.S.A.)
Patrick Cudahy Inc., (U.S.A.)
Emirates Refining Company, (UNITED ARAB EMIRATES)
Ener-G Foods, Inc., (U.S.A.)
Fabrica de Aceites la Favorita S. A., (ECUADOR)
Fuji Oil Company, Ltd., Han-nan Factory, (JAPAN)
Gateway Food Products Company, (U.S.A.)
Grasas Vegetales S.A. (GRAVETAL), (COLOMBIA)
Great Wall Enterprise Company Ltd., (TAIWAN)
Hidrogendora Nacional, S.A. de C.V., (MEXICO)
Holsum Foods, (U.S.A.)
Fritz Homann Lebensmittelwerke GmbH & Company K.G., (GERMANY)
Honeymead Products Company, (U.S.A.)
HYBCO, U.S.A., (U.S.A.)
Industrias Ales C.A., (ECUADOR)
Industrias J. B. Duarte S.A., (BRAZIL)
Karlshamns Trading & Crushing AB, (SWEDEN)
Karlshamns USA Inc., (U.S.A.)
Kraft Food Ingredients Corp., (U.S.A.)
La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A., (MEXICO)
LSP Refined Oil Company, (INDIA)
Mallet & Company, Inc., (U.S.A.)
Margarinbolaget AB, (SWEDEN)
Matthews Foods PLC, (ENGLAND)
Meadow Lea Foods, (AUSTRALIA)
Molinos Rio de la Plata S.A., (ARGENTINA)
Negociacion Industrial Santa Lucia S.A., (MEXICO)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Noblee & Theorl GmbH, (GERMANY)
Oleaginosas del Sureste S.A., (MEXICO)
Oleica S.A., (ECUADOR)
Oleoproteinas del Sureste S.A. de C.V., (MEXICO)
Paksoy Ticaret ve Sanayi AS, (TURKEY)
President Enterprises Corp., (TAIWAN)
Primeros Hidrogenadores de Aceites y Grasas Ecuatorianos S.A., (ECUADOR)
Procter & Gamble Ltd., (ENGLAND)
Productora Nacional de Alimentos Balanceados S.A., (DOMINICAN REPUBLIC)
Proteinas Industriales La Laguna, S.A. de C.V., (MEXICO)
Quality Food Oils, Inc., (U.S.A.)
Raision Tehtaat Oy Ab, (FINLAND)
Rotterdamsche Margarine Industrie (ROMI) BV, (NETHERLANDS)
Rustco Products Company, (U.S.A.)
S. E. Rykoff & Company, (U.S.A.)
SAFFOLA Quality Foods, Inc., (U.S.A.)
SAIS, (SWITZERLAND)
Sam Lip Oil & Fats Company, Ltd., (KOREA, REPUBLIC OF (SOUTH KOREA))
A. Saumweber GmbH, (GERMANY)
Snow Brand Milk Products Company, Ltd., (JAPAN)
Societe Industrielle des Oleagineux (SIO), (FRANCE)
STAR Stabilimento Alimentare S.p.A., (ITALY)
TAGOL S.A., (PORTUGAL)
Teth Beth Ltd. , (ISRAEL)
Van den Bergh Foods, (U.S.A.)
Van Den Berghs & Jurgens Ltd., (ENGLAND)
N. V. Vandemoortele, (BELGIUM)
Walter Rau Neusser Oel und Fett AG, (GERMANY)
Watt's Alimentos S.A., (CHILE)
Wilsey Foods, Inc., (U.S.A.)

▼ SOYBEAN OIL, CRUDE

Archer Daniels Midland Company, (U.S.A.) .. Back Cover & P. 28, 48, 49
Bunge Corporation, (U.S.A.) .... P. 35
Central Soya Company, Inc., (U.S.A.) .... P. 50
SAMRIG S.A., (BRAZIL) .... P. 33
A.D.M. Agri-Industries, Ltd., (CANADA)
A.D.M. Europoort B.V., (NETHERLANDS)
A.D.M. Oelmuehlen GmbH, (GERMANY)
A.D.M. Oelwerke Spyck, (GERMANY)
Aceitera General Deheza S.A., (ARGENTINA)
Aceitera Matamoros, S.A. de C.V., (MEXICO)
Aceites del Caribe S.A., (COLOMBIA)
Aceites del Mayo S.A. de C.V., (MEXICO)
Aceites Industriales El Zapote, (MEXICO)

Aceites Vegetales S.A. (ACEVESA), (SPAIN)
Aceites y Derivados del Pacifico S.A., (MEXICO)
Aceites y Proteias S.A. (ACEPROSA), (SPAIN)
Ag Processing Inc, (U.S.A.)
Agro Servicios Ragasa, S.A. de C.V., (MEXICO)
Agrokor, Tvornica za Preradu Soje, (YUGOSLAVIA)
Agronico Inc. , (U.S.A.)
Allana Oil Mills, (INDIA)
Alpine Solvex Limited, (INDIA)
Anderson Clayton, (MEXICO)
Anupam Extractions Ltd., (INDIA)
Avicultores y Productores El Calvario S.A. de C.V. (APECSA), (MEXICO)
BAR N.A., Inc., (U.S.A.)
Bhavnagar Vegetable Products Unit, (INDIA)
BOCM Silcock Ltd., (ENGLAND)
Brökelmann & Company, Oelmühle GmbH & Company, (GERMANY)
Cake & Oil Products Pvt. Ltd., (PAKISTAN)
Cargill Agricola S.A., (BRAZIL)
Cargill B.V., (NETHERLANDS)
Cargill España, S.A., (SPAIN)
Cargill España, S.A., (SPAIN)
Cargill S.A.C.I., (ARGENTINA)
Cargill Soya France, (FRANCE)
Cargill UK Ltd., (ENGLAND)
Central Soya of Canada Ltd., (CANADA)
Central Valley Vegetable Oils, (U.S.A.)
CEREOL Benelux B.V., (NETHERLANDS)
Cereol Deutschland GmbH, (GERMANY)
Cereol Iberica, S.A. , (SPAIN)
CEREOL Italia S.r.l., (ITALY)
E. Chamorro Industrial S.A., (NICARAGUA)
Cheil Food & Chemical Company, Ltd., (KOREA, REPUBLIC OF (SOUTH KOREA))
COAMO Ltd., (BRAZIL)
Compagnia Continentale Italiana S.p.A., (ITALY)
Compagnie Cargill S.A., (FRANCE)
Compania Continental S.A., (ARGENTINA)
Compania Industrial y de Abastecimientos S.A. (CINDASA), (SPAIN)
Consorcio Oleaginoso Portuguesa S.A. (COPOSA), (VENEZUELA)
Continental Grain Company, Processing Division, (U.S.A.)
Cooperativa Central Agropecuária Campos Gerais Ltda., (BRAZIL)
Country Grown Foods, (U.S.A.)
CSP Foods Ltd., (CANADA)
A/S Denofa Og Lilleborg Fabriker, (NORWAY)
Dipak Vegetable Oil Industry Pvt. Ltd., (INDIA)
Dong Bang Corporation, (KOREA, REPUBLIC OF (SOUTH KOREA))
Fabrica de Aceites la Favorita S. A., (ECUADOR)
Foods Fats & Fertilisers Ltd., (INDIA)
Fuji Oil Company, Ltd., Kobe Factory, (JAPAN)
Fwu Sow Grain Products Company, Ltd., (TAIWAN)
Gardner Smith Pty. Ltd., (AUSTRALIA)
General Foods Limited, (INDIA)
Grain States Soya, Inc., (U.S.A.)
Great Wall Enterprise Company Ltd., (TAIWAN)
Homer Oil Co., Inc., (U.S.A.)
Honen Corporation, (JAPAN)
Hsiao-Kang By-Products Factory, TSC, (TAIWAN)
IBEROL, S.A., (PORTUGAL)
Industria e Comercio de Oleos Vegetais S.A. (OLVEBRA), (BRAZIL)
Industrial Aceitera S.A., (MEXICO)
Industrial de Alimentos, S.A., (MEXICO)
Industrials Lavador, C. Por A., (DOMINICAN REPUBLIC)
Industrias Ales C.A., (ECUADOR)
Industrias de Aceite S.A., (BOLIVIA)
Industrias J. B. Duarte S.A., (BRAZIL)
Innovex Nutrition 1989 Ltd., (NEW ZEALAND)
Italiana Olii & Risi S.p.A., (ITALY)
Jamaica Soya Products Industries Limited, (JAMAICA)
Kalyan Solvent Extractions Ltd., (INDIA)
Krishna Oil Extractions Ltd. (KOEL), (INDIA)
KUOK Oils & Grains PTE, LTD, (SINGAPORE)
La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A., (MEXICO)
Lauhoff Grain Company, (U.S.A.)
Loders Croklaan B.V., (NETHERLANDS)
M. P. Oil Extraction Ltd., (INDIA)
The Malwa Vanaspati & Chemical Company Ltd., (INDIA)
Molinos Rio de la Plata S.A., (ARGENTINA)
Molinos Union del Yaqui S.A. de C.V., (MEXICO)
National Sun Industries, Inc., (U.S.A.)
Nav Maharashtra Chakan Oil Mills, (INDIA)
Ne-Tex Cooperative Oil Mill, (U.S.A.)
Nikka Fats & Oils Company, Ltd., (JAPAN)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
O. & L.Sels, (GERMANY)
Oelmüehle Hamburg AG, (GERMANY)
Oleaginosas del Sureste S.A., (MEXICO)
Oleaginosas Españolas, S.A. (OESA), (SPAIN)
Oleica S.A., (ECUADOR)
Oleificio SABO, (SWITZERLAND)
Oleoproteinas del Sureste S.A. de C.V., (MEXICO)
Olivex Ltd., (ISRAEL)
Oljynpuristamo Oy, (FINLAND)
Paksoy Ticaret ve Sanayi AS, (TURKEY)
Pasir Gudang Edible Oils Sdn. Bhd., (MALAYSIA)
Perdue Farms, Inc., (U.S.A.)
Perdue, Inc., (U.S.A.)
Pokonobe Industries Inc., (CANADA)
Premier Industries (India) Ltd., (INDIA)
Prestige Foods Limited, (INDIA)
Primeros Hidrogenadores de Aceites y Grasas Ecuatorianos S.A., (ECUADOR)
Producers Cooperative Association, (U.S.A.)
Productora Nacional de Alimentos Balanceados S.A., (DOMINICAN REPUBLIC)
Produtora e Refinadora de Oleos, S.A. (PRAZOL), (PORTUGAL)
Protein Dirivates Limited, (NIGERIA)
Proteinas Basicas, S.A. de C.V., (MEXICO)
Proteinas Industriales La Laguna, S.A. de C.V., (MEXICO)
Proteinas Naturales, S.A. de C.V., (MEXICO)
Proteinas y Aceites del Bajio, S.A. de C.V. (PROTABSA), (MEXICO)
Proteinas y Grasas S.A. (PROGRASA), (HONDURAS)
Quincy Soybean Company, (U.S.A.)
Quincy Soybean Company of Arkansas, (U.S.A.)
Raision Tehtaat Oy Ab, (FINLAND)
Rajasthan Vanaspati Products Ltd., (INDIA)
Riverland Oilseed Processors Pty. Ltd., (AUSTRALIA)
SAIS, (SWITZERLAND)
Sam Yang Oil & Feed Company, Ltd., (KOREA, REPUBLIC OF (SOUTH KOREA))
The Savola Company, (SAUDI ARABIA)
Scaldiswerken Ruien N.V., (BELGIUM)
Seymour Organic Foods, (U.S.A.)
Shemen Ind. Ltd., (ISRAEL)
Showa Sangyo Company, Ltd., Kashima Factory, (JAPAN)
Showa Sangyo Company, Ltd., Kobe Factory, (JAPAN)
Shree Mansingka Oil Mills Ltd., (INDIA)
SK Industries, (INDIA)
Sociedad Aceitera del Oriente S.A. (SAO), (BOLIVIA)
Sociedad Iberica de Molturacion, S.A. (SIMSA), (SPAIN)
Solbar Hatzor Ltd., (ISRAEL)
Soon Soon Oilmills SDN BHD, (MALAYSIA)
Southern Soya Corp., (U.S.A.)
Soya Hellas S.A., (GREECE)
Soya Mainz GmbH & Co. Kommanditgesellschaft, (GERMANY)
Swaika Oil Mills, (INDIA)
TAGOL S.A., (PORTUGAL)
Tankay S.A., (ARGENTINA)
Teth Beth Ltd. , (ISRAEL)
Thai Vegetable Oil Co. Ltd., (THAILAND)
C. Thywissen GmbH, (GERMANY)
Townsends, Inc., (U.S.A.)
Tri-Star Soya Products Ltd., (INDIA)
Tuottajain Rypsi Oy, (FINLAND)
United Soya Products Ltd., (INDIA)
N.V. Vamo Mills, (BELGIUM)
Vamo Mills S.A., (FRANCE)
Vegetable Oils (Nigeria) Ltd., (NIGERIA)
Vippy Solvex Products Ltd., (INDIA)
West Bend Elevator Company, (U.S.A.)
West Central Cooperative, (U.S.A.)
Wysong Corporation, (U.S.A.)
Yoshihara Oil Mill, Ltd., (JAPAN)

▼ SOYBEAN OIL, CRUDE DEGUMMED

Archer Daniels Midland Company, (U.S.A.) .. Back Cover & P. 28, 48, 49
Bunge Corporation, (U.S.A.) ....P. 35
Central Soya Company, Inc., (U.S.A.) ....P. 50
SAMRIG S.A., (BRAZIL) ....P. 33
A.D.M. Agri-Industries, Ltd., (CANADA)
A.D.M. Europoort B.V., (NETHERLANDS)
A.D.M. Oelwerke Spyck, (GERMANY)
Aceitera General Deheza S.A., (ARGENTINA)
Aceitera Matamoros, S.A. de C.V., (MEXICO)
Aceites del Caribe S.A., (COLOMBIA)
Aceites Industriales El Zapote, (MEXICO)

Aceites Vegetales S.A. (ACEVESA), (SPAIN)
Aceites y Proteias S.A. (ACEPROSA), (SPAIN)
Ag Processing Inc, (U.S.A.)
Agrokor, Tvornica za Preradu Soje, (YUGOSLAVIA)
Agronico Inc. , (U.S.A.)
Allana Oil Mills, (INDIA)
Alpine Solvex Limited, (INDIA)
Anupam Extractions Ltd., (INDIA)
Avicultores y Productores El Calvario S.A. de C.V. (APECSA), (MEXICO)
BAR N.A., Inc., (U.S.A.)
Brökelmann & Company, Oelmühle GmbH & Company, (GERMANY)
Cake & Oil Products Pvt. Ltd., (PAKISTAN)
Cargill Agricola S.A., (BRAZIL)
Cargill B.V., (NETHERLANDS)
Cargill España, S.A., (SPAIN)
Cargill Processing Ltd., (AUSTRALIA)
Cargill S.A.C.I., (ARGENTINA)
Cargill UK Ltd., (ENGLAND)
Central Soya of Canada Ltd., (CANADA)
CEREOL Benelux B.V., (NETHERLANDS)
Cereol Deutschland GmbH, (GERMANY)
Cereol Iberica, S.A. , (SPAIN)
CEREOL Italia S.r.l., (ITALY)
E. Chamorro Industrial S.A., (NICARAGUA)
Cheil Food & Chemical Company, Ltd., (KOREA, REPUBLIC OF (SOUTH KOREA))
COAMO Ltd., (BRAZIL)
Colfax of Philadelphia, Inc., (U.S.A.)
Compagnia Continentale Italiana S.p.A., (ITALY)
Compagnie Cargill S.A., (FRANCE)
Compania Continental S.A., (ARGENTINA)
Compania Industrial y de Abastecimientos S.A. (CINDASA), (SPAIN)
Consorcio Oleaginoso Portuguesa S.A. (COPOSA), (VENEZUELA)
Continental Grain Company, Processing Division, (U.S.A.)
Cooperativa Central Agropecuária Campos Gerais Ltda., (BRAZIL)
Country Grown Foods, (U.S.A.)
CSP Foods Ltd., (CANADA)
A/S Denofa Og Lilleborg Fabriker, (NORWAY)
Derivados de Oleaginosas del Valle S.A. de C.V., (MEXICO)
Dong Bang Corporation, (KOREA, REPUBLIC OF (SOUTH KOREA))
Fabrica de Aceites la Favorita S. A., (ECUADOR)
Fong-Mao Industries Company Ltd., (TAIWAN)
Foods Fats & Fertilisers Ltd., (INDIA)
Gardner Smith Pty. Ltd., (AUSTRALIA)
General Foods Limited, (INDIA)
Grain States Soya, Inc., (U.S.A.)
Grasas Vegetales S.A. (GRAVETAL), (COLOMBIA)
Great Wall Enterprise Company Ltd., (TAIWAN)
Honen Corporation, (JAPAN)
IBEROL, S.A., (PORTUGAL)
Industria e Comercio de Oleos Vegetais S.A. (OLVEBRA), (BRAZIL)
Industrial Aceitera S.A., (MEXICO)
Industrials Lavador, C. Por A., (DOMINICAN REPUBLIC)
Industrias Ales C.A., (ECUADOR)
Industrias de Aceite S.A., (BOLIVIA)
Industrias J. B. Duarte S.A., (BRAZIL)
Innovex Nutrition 1989 Ltd., (NEW ZEALAND)
Italiana Olii & Risi S.p.A., (ITALY)
Kalyan Solvent Extractions Ltd., (INDIA)
KUOK Oils & Grains PTE, LTD, (SINGAPORE)
La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A., (MEXICO)
Loders Croklaan B.V., (NETHERLANDS)
M. P. Oil Extraction Ltd., (INDIA)
Meadow Lea Foods, (AUSTRALIA)
Mobarak & Company, (EGYPT)
Molinos Rio de la Plata S.A., (ARGENTINA)
Molinos Union del Yaqui S.A. de C.V., (MEXICO)
National Sun Industries, Inc., (U.S.A.)
Nav Maharashtra Chakan Oil Mills, (INDIA)
Nikka Fats & Oils Company, Ltd., (JAPAN)
O. & L.Sels, (GERMANY)
Oelmüehle Hamburg AG, (GERMANY)
Oleaginosas del Sureste S.A., (MEXICO)
Oleaginosas Españolas, S.A. (OESA), (SPAIN)
Olivex Ltd., (ISRAEL)
Oljynpuristamo Oy, (FINLAND)
Paksoy Ticaret ve Sanayi AS, (TURKEY)
Pasir Gudang Edible Oils Sdn. Bhd., (MALAYSIA)
Pokonobe Industries Inc., (CANADA)
Premier Industries (India) Ltd., (INDIA)
Prestige Foods Limited, (INDIA)
Primeros Hidrogenadores de Aceites y Grasas Ecuatorianos S.A., (ECUADOR)
Productora Nacional de Alimentos Balanceados S.A., (DOMINICAN REPUBLIC)
Produtora e Refinadora de Oleos, S.A. (PRAZOL), (PORTUGAL)
Proteinas y Grasas S.A. (PROGRASA), (HONDURAS)
Quincy Soybean Company, (U.S.A.)
Quincy Soybean Company of Arkansas, (U.S.A.)
Rahatin Industries Ltd., (BANGLADESH)
Raision Tehtaat Oy Ab, (FINLAND)
Riverland Oilseed Processors Pty. Ltd., (AUSTRALIA)
SAIS, (SWITZERLAND)
Sam Yang Oil & Feed Company, Ltd., (KOREA, REPUBLIC OF (SOUTH KOREA))
Sangli Dist. Soyabean Producers & Processing Co-op. Socy Ltd., (INDIA)
Shemen Ind. Ltd., (ISRAEL)
Showa Sangyo Company, Ltd., Kashima Factory, (JAPAN)
Showa Sangyo Company, Ltd., Kobe Factory, (JAPAN)
SK Industries, (INDIA)
Sociedad Aceitera del Oriente S.A. (SAO), (BOLIVIA)
Sociedad Iberica de Molturacion, S.A. (SIMSA), (SPAIN)
Solbar Hatzor Ltd., (ISRAEL)
Soon Soon Oilmills SDN BHD, (MALAYSIA)
Soya Hellas S.A., (GREECE)
Soya Mainz GmbH & Co. Kommanditgesellschaft, (GERMANY)
TAGOL S.A., (PORTUGAL)
Tankay S.A., (ARGENTINA)
Teth Beth Ltd. , (ISRAEL)
Thai Vegetable Oil Co. Ltd., (THAILAND)
Thanakorn Vegetable Oil Products Company, (THAILAND)
C. Thywissen GmbH, (GERMANY)
Toyo Oil Mills Company, Inc., (JAPAN)
Tri-Star Soya Products Ltd., (INDIA)
United Soya Products Ltd., (INDIA)
N.V. Vamo Mills, (BELGIUM)
Vamo Mills S.A., (FRANCE)
Van den Bergh Foods, (U.S.A.)
Vippy Solvex Products Ltd., (INDIA)
Yoshihara Oil Mill, Ltd., (JAPAN)

▼ SOYBEAN OIL, FRACTIONATED

Fabrica de Aceites la Favorita S. A., (ECUADOR)
Grasas Vegetales S.A. (GRAVETAL), (COLOMBIA)
Karlshamns Trading & Crushing AB, (SWEDEN)
La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A., (MEXICO)
Meadow Lea Foods, (AUSTRALIA)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Noblee & Theorl GmbH, (GERMANY)
Oleica S.A., (ECUADOR)
Penta Manufacturing Company, Inc., (U.S.A.)
Rahatin Industries Ltd., (BANGLADESH)
SAIS, (SWITZERLAND)
Van den Bergh Foods, (U.S.A.)
N. V. Vandemoortele, (BELGIUM)

▼ SOYBEAN OIL, HYDROGENATED

Archer Daniels Midland Company, (U.S.A.) .. Back Cover & P. 28, 48, 49
A.D.M. Europoort B.V., (NETHERLANDS)
Aceites Industriales El Zapote, (MEXICO)
Allana Oil Mills, (INDIA)
BEOCO Limited, (ENGLAND)
Bhavnagar Vegetable Products Unit, (INDIA)
Bunge Foods, (U.S.A.)
C & T Refinery, Inc., (U.S.A.)
Canada Packers, Inc., (CANADA)
Cargill, Inc., (U.S.A.)
Central Soya Company, Inc., (U.S.A.)
Colfax, Inc., (U.S.A.)
Consorcio Oleaginoso Portuguesa S.A. (COPOSA), (VENEZUELA)
Conway Oil Company, (U.S.A.)
Patrick Cudahy Inc., (U.S.A.)
A/S Denofa Og Lilleborg Fabriker, (NORWAY)
Dipak Vegetable Oil Industry Pvt. Ltd., (INDIA)
Dong Bang Corporation, (KOREA, REPUBLIC OF (SOUTH KOREA))
Ener-G Foods, Inc., (U.S.A.)
Fabrica de Aceites la Favorita S. A., (ECUADOR)
General Foods Limited, (INDIA)
Grasas Vegetales S.A. (GRAVETAL), (COLOMBIA)
Honeymead Products Company, (U.S.A.)
Hsiao-Kang By-Products Factory, TSC, (TAIWAN)
Industrias Ales C.A., (ECUADOR)
Industrias de Aceite S.A., (BOLIVIA)
Industrias J. B. Duarte S.A., (BRAZIL)
Karlshamns Trading & Crushing AB, (SWEDEN)
Kraft Food Ingredients Corp., (U.S.A.)

La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A., (MEXICO)
Lou Ana Foods, Inc., (U.S.A.)
The Malwa Vanaspati & Chemical Company Ltd., (INDIA)
Meadow Lea Foods, (AUSTRALIA)
Mobarak & Company, (EGYPT)
Negociacion Industrial Santa Lucia S.A., (MEXICO)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Noblee & Theorl GmbH, (GERMANY)
Oleaginosas del Sureste S.A., (MEXICO)
Oleica S.A., (ECUADOR)
Oleoproteinas del Sureste S.A. de C.V., (MEXICO)
Osterreichische Unilever / Kuner Nahrungsmittel, (AUSTRIA)
Paksoy Ticaret ve Sanayi AS, (TURKEY)
Penta Manufacturing Company, Inc., (U.S.A.)
Perdue Farms, Inc., (U.S.A.)
Primeros Hidrogenadores de Aceites y Grasas Ecuatorianos S.A., (ECUADOR)
Productora Nacional de Alimentos Balanceados S.A., (DOMINICAN REPUBLIC)
Proteinas y Grasas S.A. (PROGRASA), (HONDURAS)
Rahatin Industries Ltd., (BANGLADESH)
Raision Tehtaat Oy Ab, (FINLAND)
Rotterdamsche Margarine Industrie (ROMI) BV, (NETHERLANDS)
SAIS, (SWITZERLAND)
Shree Shiv Shakti Ghee Udyog Pvt. Ltd., (NEPAL)
Societe Industrielle des Oleagineux (SIO), (FRANCE)

▼ SOYBEAN OIL, INDUSTRIAL-GRADE

Archer Daniels Midland Company, (U.S.A.) .. Back Cover & P. 28, 48, 49
Central Soya Company, Inc., (U.S.A.) ....P. 50
Aceites y Derivados del Pacifico S.A., (MEXICO)
ACEPROSA, (SPAIN)
Ag Processing Inc, (U.S.A.)
Akzo Chemicals, (GERMANY)
Allana Oil Mills, (INDIA)
Ambrosia Oils (1976) Ltd., (CYPRUS)
Anderson Clayton, (MEXICO)
Anupam Extractions Ltd., (INDIA)
BOCM Silcock Ltd., (ENGLAND)
Calgene Chemical, Inc., (U.S.A.)
Cargill, Inc., (U.S.A.)
Cereol Deutschland GmbH, (GERMANY)
COGRA Lever S.A., (COLOMBIA)
Consorcio Oleaginoso Portuguesa S.A. (COPOSA), (VENEZUELA)
Conway Oil Company, (U.S.A.)
A/S Denofa Og Lilleborg Fabriker, (NORWAY)
Ener-G Foods, Inc., (U.S.A.)
Fabrica de Aceites la Favorita S. A., (ECUADOR)
Gardner Smith Pty. Ltd., (AUSTRALIA)
General Foods Limited, (INDIA)
Grasas Vegetales S.A. (GRAVETAL), (COLOMBIA)
Great Wall Enterprise Company Ltd., (TAIWAN)
Hidrogendora Nacional, S.A. de C.V., (MEXICO)
Honeymead Products Company, (U.S.A.)
IBEROL, S.A., (PORTUGAL)
Industrial de Alimentos, S.A., (MEXICO)
Industrias J. B. Duarte S.A., (BRAZIL)
Karlshamns Trading & Crushing AB, (SWEDEN)
La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A., (MEXICO)
Lou Ana Foods, Inc., (U.S.A.)
Loveland Industries, Inc., (U.S.A.)
The Malwa Vanaspati & Chemical Company Ltd., (INDIA)
Nikka Fats & Oils Company, Ltd., (JAPAN)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Osterreichische Unilever / Kuner Nahrungsmittel, (AUSTRIA)
Penta Manufacturing Company, Inc., (U.S.A.)
Proteinas Basicas, S.A. de C.V., (MEXICO)
Proteinas Naturales, S.A. de C.V., (MEXICO)
Quincy Soybean Company of Arkansas, (U.S.A.)
Raision Tehtaat Oy Ab, (FINLAND)
SAIS, (SWITZERLAND)
Sangli Dist. Soyabean Producers & Processing Co-op. Socy Ltd., (INDIA)
Shemen Ind. Ltd., (ISRAEL)
Soc. Productores de Leche S.A. (SOPROLE), (CHILE)
Sociedad Iberica de Molturacion, S.A. (SIMSA), (SPAIN)
Societe Industrielle des Oleagineux (SIO), (FRANCE)
Soon Soon Oilmills SDN BHD, (MALAYSIA)
Soya Mainz GmbH & Co. Kommanditgesellschaft, (GERMANY)
Jacob Stern & Sons, Inc., (U.S.A.)
Thanakom Vegetable Oil Products Company, (THAILAND)
Townsends, Inc., (U.S.A.)
United Soya Products Ltd., (INDIA)
Van den Bergh Foods, (U.S.A.)
Vippy Solvex Products Ltd., (INDIA)
Watt's Alimentos S.A., (CHILE)

▼ SOYBEAN OIL, REFINED

Archer Daniels Midland Company, (U.S.A.) .. Back Cover & P. 28, 48, 49
Central Soya Company, Inc., (U.S.A.) ....P. 50
Riceland Foods, Inc., (U.S.A.) ....P. 55 & 56
A.D.M. Europoort B.V., (NETHERLANDS)
Aarhus Oliefabrik A/S, (DENMARK)
Aceites Industriales El Zapote, (MEXICO)
Aceites y Proteias S.A. (ACEPROSA), (SPAIN)
ACEPROSA, (SPAIN)
Akzo Chemicals, (GERMANY)
Alimentos Antillanos N.V., (NETHERLANDS ANTILLES)
Allana Oil Mills, (INDIA)
Alpine Solvex Limited, (INDIA)
Ambrosia Oils (1976) Ltd., (CYPRUS)
Anderson Clayton, (MEXICO)
Anupam Extractions Ltd., (INDIA)
Avicultores y Productores El Calvario S.A. de C.V. (APECSA), (MEXICO)
BEOCO Limited, (ENGLAND)
Bhavnagar Vegetable Products Unit, (INDIA)
BOCM Silcock Ltd., (ENGLAND)
Brökelmann & Company, Oelmühle GmbH & Company, (GERMANY)
Bunge Foods, (U.S.A.)
Canada Packers Inc., (CANADA)
Cargill Agricola S.A., (BRAZIL)
Cargill B.V., (NETHERLANDS)
Cargill España, S.A., (SPAIN)
Cargill, Inc., (U.S.A.)
Cargill UK Ltd., (ENGLAND)
Cereol Deutschland GmbH, (GERMANY)
Cereol Iberica, S.A. , (SPAIN)
CEREOL Italia S.r.l., (ITALY)
Cheil Food & Chemical Company, Ltd., (KOREA, REPUBLIC OF (SOUTH KOREA))
Colfax, Inc., (U.S.A.)
Colfax of Philadelphia, Inc., (U.S.A.)
Compania Industrial y de Abastecimientos S.A. (CINDASA), (SPAIN)
Consorcio Oleaginoso Portuguesa S.A. (COPOSA), (VENEZUELA)
Conway Oil Company, (U.S.A.)
CSP Foods Ltd., (CANADA)
A/S Denofa Og Lilleborg Fabriker, (NORWAY)
Dong Bang Corporation, (KOREA, REPUBLIC OF (SOUTH KOREA))
The Egyptian National Vegetable Oils Extraction Corp. (ENVOCO), (EGYPT)
Emirates Refining Company, (UNITED ARAB EMIRATES)
Ener-G Foods, Inc., (U.S.A.)
Fabrica de Aceites la Favorita S. A., (ECUADOR)
Fong-Mao Industries Company Ltd., (TAIWAN)
Foods Fats & Fertilisers Ltd., (INDIA)
Fuji Oil Company, Ltd., Han-nan Factory, (JAPAN)
Gardner Smith Pty. Ltd., (AUSTRALIA)
General Foods Limited, (INDIA)
Grasas Vegetales S.A. (GRAVETAL), (COLOMBIA)
Great Wall Enterprise Company Ltd., (TAIWAN)
Hidrogendora Nacional, S.A. de C.V., (MEXICO)
Honen Corporation, (JAPAN)
Honeymead Products Company, (U.S.A.)
Hsiao-Kang By-Products Factory, TSC, (TAIWAN)
Industrial Enterprises Company Ltd., (THAILAND)
Industrials Lavador, C. Por A., (DOMINICAN REPUBLIC)
Industrias Ales C.A., (ECUADOR)
Industrias de Aceite S.A., (BOLIVIA)
Industrias J. B. Duarte S.A., (BRAZIL)
Italiana Olii & Risi S.p.A., (ITALY)
Jamaica Soya Products Industries Limited, (JAMAICA)
Kalyan Solvent Extractions Ltd., (INDIA)
Karlshamns Trading & Crushing AB, (SWEDEN)
Kraft Food Ingredients Corp., (U.S.A.)
Krishna Oil Extractions Ltd. (KOEL), (INDIA)
La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A., (MEXICO)
Les Huileries de Meknes, (MOROCCO)
Loders Croklaan B.V., (NETHERLANDS)
Lou Ana Foods, Inc., (U.S.A.)
LSP Refined Oil Company, (INDIA)
M. P. Oil Extraction Ltd., (INDIA)
The Malwa Vanaspati & Chemical Company Ltd., (INDIA)

Meadow Lea Foods, (AUSTRALIA)
Molinos Rio de la Plata S.A., (ARGENTINA)
Nav Maharashtra Chakan Oil Mills, (INDIA)
Negociacion Industrial Santa Lucia S.A., (MEXICO)
Nikka Fats & Oils Company, Ltd., (JAPAN)
The Nisshin Oil Mills, Ltd. (Japan), (JAPAN)
Noblee & Theorl GmbH, (GERMANY)
O. & L.Sels, (GERMANY)
Oelmüehle Hamburg AG, (GERMANY)
Oleaginosas del Sureste S.A., (MEXICO)
Oleaginosas Españolas, S.A. (OESA), (SPAIN)
Oleica S.A., (ECUADOR)
Oleificio SABO, (SWITZERLAND)
Oliefabrieken Debeil N.V., (BELGIUM)
Osterreichische Unilever / Kuner Nahrungsmittel, (AUSTRIA)
Oswal Agro Mills Ltd., (INDIA)
Paksoy Ticaret ve Sanayi AS, (TURKEY)
Pasir Gudang Edible Oils Sdn. Bhd., (MALAYSIA)
Patum Vegetable Oil Company, Ltd., (THAILAND)
Penta Manufacturing Company, Inc., (U.S.A.)
Perdue Farms, Inc., (U.S.A.)
Pokonobe Industries Inc., (CANADA)
Productora Nacional de Alimentos Balanceados S.A., (DOMINICAN REPUBLIC)
Produtora e Refinadora de Oleos, S.A. (PRAZOL), (PORTUGAL)
Quincy Soybean Company of Arkansas, (U.S.A.)
Rahatin Industries Ltd., (BANGLADESH)
Raision Tehtaat Oy Ab, (FINLAND)
Rotterdamsche Margarine Industrie (ROMI) BV, (NETHERLANDS)
SAIS, (SWITZERLAND)
Sam Yang Oil & Feed Company, Ltd., (KOREA, REPUBLIC OF (SOUTH KOREA))
Sangli Dist. Soyabean Producers & Processing Co-op. Socy Ltd., (INDIA)
Scaldiswerken Ruien N.V., (BELGIUM)
Shemen Ind. Ltd., (ISRAEL)
Showa Sangyo Company, Ltd., Kashima Factory, (JAPAN)
Showa Sangyo Company, Ltd., Kobe Factory, (JAPAN)
Showa Sangyo Company, Ltd., Tsurumi Factory, (JAPAN)
Shree Mansingka Oil Mills Ltd., (INDIA)
Shree Shiv Shakti Ghee Udyog Pvt. Ltd., (NEPAL)
SK Industries, (INDIA)
Sociedad Aceitera del Oriente S.A. (SAO), (BOLIVIA)
Sociedad Iberica de Molturacion, S.A. (SIMSA), (SPAIN)
Societe d'Exploitation Des Produits Oleagineux (SEPO), (MOROCCO)
Societe Industrielle des Oleagineux (SIO), (FRANCE)
Soon Soon Oilmills SDN BHD, (MALAYSIA)
Soya Mainz GmbH & Co. Kommanditgesellschaft, (GERMANY)
STAR Stabilimento Alimentare S.p.A., (ITALY)
Swaika Oil Mills, (INDIA)
Tay Shan Enterprise Company Ltd., (TAIWAN)
Teth Beth Ltd. , (ISRAEL)
Thai Vegetable Oil Co. Ltd., (THAILAND)
Thanakorn Vegetable Oil Products Company, (THAILAND)
C. Thywissen GmbH, (GERMANY)
Townsends, Inc., (U.S.A.)
Toyo Oil Mills Company, Inc., (JAPAN)
Tri-Star Soya Products Ltd., (INDIA)
United Soya Products Ltd., (INDIA)
Universal Edible Oils, Inc. (UNEDO), (U.S.A.)
Van den Bergh Foods, (U.S.A.)
Van Den Berghs & Jurgens Ltd., (ENGLAND)
N. V. Vandemoortele, (BELGIUM)
Vegetable Oils (Nigeria) Ltd., (NIGERIA)
Vippy Solvex Products Ltd., (INDIA)
Watt's Alimentos S.A., (CHILE)
Yoshihara Oil Mill, Ltd., (JAPAN)

▼ SOYBEAN SEED SUPPLIER

Strayer Seed Farms, (U.S.A.) ...P. 58
H. J. Underwood Company, Inc., (U.S.A.) ....P. 239
Abripro Biosciences Inc. (ABI), (U.S.A.)
Albert Lea Seed House, (U.S.A.)
Brown Seed Enterprises, (U.S.A.)
Callahan Enterprises, Inc., (U.S.A.)
Country Brand Seeds, Inc., (U.S.A.)
Dairyland Seed Company, Inc., (U.S.A.)
DeKalb Pfizer Genetics, (U.S.A.)
Delta & Pineland Company, (U.S.A.)
Dunn International, Ltd., (U.S.A.)
Ehrich Seed Farms, Inc., (U.S.A.)
Fandrich Supply Company, (U.S.A.)
Carl R. Gurley Inc., (U.S.A.)
Jacob Hartz Seed Company, Inc., (U.S.A.)
Helena Chemical Company, (U.S.A.)
Hong Guan Huat Kee, (SINGAPORE)
Illinois Foundation Seed, (U.S.A.)
JMS Seed Company, (U.S.A.)
King Agro, Division of Kingroup, Inc., (CANADA)
MBS Inc., (U.S.A.)
Midwest Soya International, Inc., (U.S.A.)
Northrup King Company, (U.S.A.)
OK Enterprises International Ltd., (U.S.A.)
Pacific Soybean & Grain, (U.S.A.)
Pioneer Hi-Bred International, Inc., (U.S.A.)
Premier Industries (India) Ltd., (INDIA)
Pro-Seed, Inc., (U.S.A.)
Promagri S.A. de C.V., (MEXICO)
Sanders Elevator Corp., (U.S.A.)
Shuster Certified Seeds, (U.S.A.)
Specialty Grains, Inc., (U.S.A.)
Stine Seed Farm, Inc., (U.S.A.)
Terral-Norris Seed Company, Inc., (U.S.A.)

▼ SOYBEANS

(See BROKER, CASH/ PRODUCT; EXPORTERS OF SOYBEANS & SOYBEAN PRODUCTS; IMPORTERS OF SOYBEANS & SOYBEAN PRODUCTS; SOYBEAN BREEDER; SOYBEAN SEED SUPPLIER; SOYBEANS, FOOD USE; SOYBEANS, ORGANICALLY GROWN)

▼ SOYBEANS, FOOD USE

Identity Seed & Grain Company, (U.S.A.) ....P. 43
Minnesota Waxy, (U.S.A.) ....P. 53
Strayer Seed Farms, (U.S.A.) ...P. 58
H. J. Underwood Company, Inc., (U.S.A.) ....P. 239
Aceites Industriales El Zapote, (MEXICO)
Albert Lea Seed House, (U.S.A.)
Enrique J. Aramburu, (ARGENTINA)
Biotrek S.A., (GREECE)
Brown Seed Enterprises, (U.S.A.)
Chempro (Pty) Ltd., (SOUTH AFRICA)
Cherwell Valley Silos Ltd., (ENGLAND)
Consolidated Grain and Barge Company, (U.S.A.)
Country Brand Seeds, Inc., (U.S.A.)
Dairyland Seed Company, Inc., (U.S.A.)
Dunn International, Ltd., (U.S.A.)
Ehrich Seed Farms, Inc., (U.S.A.)
Fandrich Supply Company, (U.S.A.)
Gardner Smith Pty. Ltd., (AUSTRALIA)
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▼ SOYBEANS, ORGANICALLY GROWN

Minnesota Waxy, (U.S.A.) ....P. 53
Strayer Seed Farms, (U.S.A.) ...P. 58
Brown Seed Enterprises, (U.S.A.)
Country Grown Foods, (U.S.A.)
Dae Han, Inc., (U.S.A.)
Golden Key Farms, Inc., (U.S.A.)
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▼ SOYMILK, DRINKS OR BEVERAGES

Clofine Dairy & Food Products, Inc., (U.S.A.) .... P. 45 & 51
DMV USA, (U.S.A.) .... P. 52
Minnesota Waxy, (U.S.A.) .... P. 53
Mycal Group, Nichii Company of America, Inc., (U.S.A.) .... P. 54
Solait International, Ltd., (U.S.A.) .... P. 57
Alpro N.V., (BELGIUM)
American Soy Products, (U.S.A.)
Amrit Protein Foods Ltd., (INDIA)
Asahi Industries Company, Ltd., (JAPAN)
Ashland Soy Works, (U.S.A.)
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Yeo Hiap Seng (M) BHD, (MALAYSIA)

▼ SOYMILK, SPRAY-DRIED

Clofine Dairy & Food Products, Inc., (U.S.A.) ....P. 45 & 51
DMV USA, (U.S.A.) ....P. 52
Minnesota Waxy, (U.S.A.) ....P. 53
Solait International, Ltd., (U.S.A.) ....P. 57
Amrit Protein Foods Ltd., (INDIA)
Nestle, S.A. de C.V.; (MEXICO)
Pacific Foods, (U.S.A.)
Joel Wollner & Associates, (U.S.A.)

▼ SOYNUTS

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For more information on Soya Products see the CATALOG PAGES —

SOYA PRODUCT SPECIFICATION SHEETS

beginning on page 47

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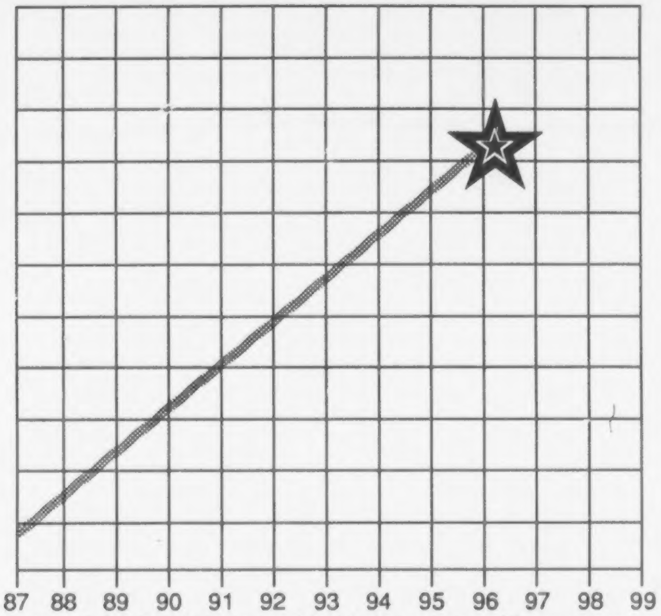

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(See TOFU & TOFU PRODUCTS)

▼ TOFU & TOFU PRODUCTS
Clofine Dairy & Food Products, Inc., (U.S.A.) ....P. 45 & 51
DMV USA, (U.S.A.) ....P. 52
Minnesota Waxy, (U.S.A.) ....P. 53
Mycal Group, Nichii Company of America, Inc., (U.S.A.) ....P. 54
AB Winner, (SWEDEN)
Aloha Tofu Factory Inc., (U.S.A.)
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▼ TOFU, SPRAY-DRIED
Clofine Dairy & Food Products, Inc., (U.S.A.) ....P. 45 & 51
DMV USA, (U.S.A.) ....P. 52
Minnesota Waxy, (U.S.A.) ....P. 53
Pacific Foods, (U.S.A.)

▼ WHITE FLAKES FOR EDIBLE PURPOSES
Archer Daniels Midland Company, (U.S.A.) ..Back Cover & P. 28, 48, 49
SAMRIG S.A., (BRAZIL) ....P. 33
Ag Processing Inc, (U.S.A.)
Allana Oil Mills, (INDIA)
Alpine Solvex Limited, (INDIA)
Cargill B.V., (NETHERLANDS)
Cheil Food & Chemical Company, Ltd., (KOREA, REPUBLIC OF (SOUTH KOREA))
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Showa Sangyo Company, Ltd., Kashima Factory, (JAPAN)
Showa Sangyo Company, Ltd., Kobe Factory, (JAPAN)
Solbar Hatzor Ltd., (ISRAEL)
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(See SOYNUTS)

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CATALOG PAGES

SOYA PRODUCT SPECIFICATION SHEETS

Company Index

Archer Daniels Midland —
  Protein Specialties 48
Archer Daniels Midland —
  Ross & Rowe Lecithins 49
Central Soya —
  Chemurgy Division 50
Clofine Dairy & Food
  Products, Inc. 51
DMV U.S.A. 52
Minnesota Waxy 53
Mycal Group —
  Nichii Co. of America 54
Riceland Foods, Inc. —
  Edible Oil Division 55
Riceland Foods, Inc. —
  Lecithin Division 56
Solait International, Ltd. 57
Strayer Seed Farms 58

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Stablec IDC 50 Low Viscosity Lecithin	Wetting agent and dispersing agent	Agricultural Instantizer
Stablec IDC 52 Low Viscosity Lecithin	Wetting agent and dispersing agent	Agricultural Instantizer
Stablec IDC 85 Water Dispersible Low Viscosity Lecithin	Wetting agent and dispersing agent	Agricultural Instantizer
R & R 551 High Polarity Industrial Grade Lecithin	Prevents sedimentation	Paints, Inks and Dyes

Central Soya Company, Inc. **Processors and Marketers of Soybeans and Other Soy-Based Products**

You're the reason we make so many different soy proteins.

We know your requirements vary. That's why we offer a complete line of soy protein products. In a variety of forms. There's at least one that's just right for you. Check the chart below. It will help you select the Central Soya soy protein that's best for your application.

Product		Application													
		Cooked Beef Patties	Raw Beef Patties	Chicken or Veal Patties	Pizza Toppings (water, oven cooked, kettle cooked)	Pumped/Massaged Muscle Meats	Ground Meat Foods (Mexican foods, fillings, etc.)	Coarse Ground Sausages	Cooked Sausages (franks, bologna)	Meatballs	Restructured Meats	Poultry and Beef Rolls	Protein Drinks	Nondairy Spreads/Dips and Toppings	Seafood
Textured Concentrate	Response®	X	X	X	X		X	X		X	X				X
	Textured Procon®	X	X	X	X		X	X		X	X				X
Functional Concentrate	Promine®	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Promax®	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Powdered Concentrate	Procon Plus®	X	X	X	X		X	X	X	X	X	X			X
	Promosoy Plus®	X	X	X	X		X	X	X	X	X	X			X
Granular Concentrate	Procon® 2060	X	X				X	X		X					
	Promosoy® 20/60	X	X				X	X		X					
Textured Flour	Centex®	X	X		X		X			X					
	Miratex®	X	X		X		X			X					

CENTRAL SOYA
Chemurgy Division

P.O. Box 2507 / Fort Wayne, Indiana 46801-2507
800-348-0960
Telex 49609682 CSY CHEMURGY FWA • FAX 219-425-5485
P.O. Box 5063 / 3008 AB Rotterdam, Netherlands
31-10-42-39-600
Telex 20041 CNSOY NL • FAX 31-10-42-30-897

SPECIALTY SOYA PRODUCTS *from*

CLOFINE
DAIRY & FOOD PRODUCTS, INC.

Since 1982, Clofine Dairy & Food Products, Inc. has been a pioneer in the world's soyfood industry, being one of the first companies to commercially produce and sell spray-dried soymilk and tofu for use as a dairy substitute ingredient.

SPRAY-DRIED TOFU • SPRAY-DRIED SOYMILK

LOW-FAT SPRAY-DRIED TOFU • FULL-FAT SPRAY-DRIED TOFU

PRODUCT:		**LOW-FAT SPRAY-DRIED TOFU**	**FULL-FAT SPRAY-DRIED TOFU**	**SPRAY-DRIED TOFU**	**SPRAY-DRIED SOYMILK**
SPECIFICATION:		**TF-7**	**TF-15**	**TF-10**	**TF-30**
ANALYTICAL:	Fat:	2.0% max.	25.5% ± 2%	19.0% ± 2%	17.0% ± 2%
	Protein:	53.0% ± 2.0	53.5% ± 2%	39.0% ± 2	39% ± 2%
	Ash:	7.0% max.	4.5% max.	4.9% max.	4.5% ± 2%
	Carbohydrate:	36.0% ±	14.0% ± 1%	31.0% ± 2	36.0% ± 2%
	Moisture:	4.0% max.	3.0% max.	3.0% max.	3.0% max.
PHYSICAL:	pH:	6.8 ± .2	6.2 ± .1	6.2 ± .1	6.8 ± .1
	Sodium	4.10 mg./100 g.	2.0 mg./100 g.	4.35 mg./100 g.	2.0 mg./100 g.
	Calcium	500 mg./100 g.	200 mg./100 g.	416 mg./100g.	200 mg./100 g.
	P.D.I.				
	Color:	cream	cream	cream-light tan	cream
	Flavor:	bland	bland	bland, similar to wet curd	bland
BACTERIOLOGICAL:	Standard Plate Count/g:	30,000 max.	30,000 max.	30,000 max.	30,000 max.
	Coliform/g:	10 max.	10 max.	10 max.	10 max.
	Yeast & Mold/g:	20 max.	20 max.	20 max.	10 max.
	Salmonella	Negative	Negative	Negative	Negative
PACKAGING:		50 lb. poly-lined kraft bags	50 lb. poly-lined boxes	50 lb. poly-lined kraft bags	50 lb. poly-lined kraft bags
APPLICATIONS: ***All products are Kosher Parve***		Nutritional formulations, calorie-reduced products, low-fat systems.	Frozen desserts, yogurts, spoonable snacks, meat analogs, baked goods.	Frozen desserts, salad dressing, baked goods. Functional replacement for high heat, nonfat dry milk.	Economical, general all purpose soymilk powder

To get more information, or to receive samples, contact:

CLOFINE
DAIRY & FOOD PRODUCTS, INC.
1407 New Road
P.O. Box 335
Linwood, NJ 08221
U.S.A.

In the U.S.
Call **1-800-441-1001**

Phone: 609-653-1000
Fax: 609-653-0127

QUALITY INGREDIENTS FROM SOYA

SOY FLOUR
TEXTURED SOY FLOUR
SOYMILK POWDER
TOFU POWDER
SOY / WHEY BLENDS

Chemical-Free Process

Kosher / Parve & Organic Available

SOY FLOUR 9% FAT	TEXTURED SOY FLOUR	SOYMILK POWDER	TOFU POWDER	SOY / WHEY BLEND
USE IN: •Breads •Cakes •Cookies •Crackers SHELF-STABLE NEUTRAL FLAVOR SOLVENT-FREE PROCESSING	USE AS: •Chicken •Beef •Sausage •Extender •Analog •Vegetarian Food NEUTRAL FLAVOR READILY ACCEPTS FLAVORINGS	USES: •Milk Replacer •Soymilk Drinks •Soy Cheese •Yogurts •Frozen Desserts •Baking NEUTRAL FLAVOR	ECONOMICAL REPLACMENT FOR FRESH TOFU in: •Frozen Desserts •Salad Dressings •Confections •Baking NEUTRAL FLAVOR	LOW COST REPLACEMENT FOR MILK POWDER

For more information, prices or samples, contact:

DMV USA

a DMV, Inc. company

2340 Enterprise Avenue
P.O. Box 1628
La Crosse WI 54602-1628 U.S.A.
Telephone 608/781-2345
Telefax 608/781-3299

In the U.S.A. call:
800-359-2345

SOY SUPREME SOY POWDER

SPRAY DRIED SOYMILK/TOFU

Products Manufactured from Soybeans

PRODUCT	Soy Supreme Spray-Dried Soymilk	Soy Supreme Premium Fiber Reduced Soymilk	Soy Supreme Reduced-Fat Soymilk	Soy Supreme 25 Soyamilk
APPLICATIONS	Economical Multi-application Soymilk Powder Excellent Water-Binding and Fat Absorption Ability	Beverage and Drink Products Gives Superior Flavor, Mouth Feel, Smooth Texture to Products Manufactured	Multi-application Soymilk Economical Replacer for Skim Milk Powder in Manufacturing Applications	Complete Soy Beverage Formulated to be a Complete Nutritional Beverage Similar to Whole Milk
TYPICAL ANALYSIS	%	%	%	%
Protein	39 ± 2	43 ± 2	49 ± 2	25 ± 2
Fat	19 ± 2	19 ± 2	10 ± 2	23 ± 2
Ash	6	6	6	6
Carbohydrate (by difference)	32 typical	29 typical	31 typical	42 typical
Moisture	4	4	4	4

MANUFACTURING:
Soy Supreme Powders can be produced in blends with various dairy powders. These powders offer processors superior functionality, flavor and nutritional composition to standard dairy ingredients at an economical price. Processors utilizing nonfat milk powder and whole milk powders and ingredients should consider these products. Soy Supreme Spray Soy Powders are produced in accordance with Good Manufacturing Practices as established under the United States Food, Drug and Cosmetic Act. Soy Supreme Soy Powder is Kosher and Pareve approved.

PACKAGING:
50 pound multi-wall kraft paper with poly liner.

Food quality grains and specialty ingredients.
For samples, pricing and information contact:

MINNESOTA WAXY
MWCG EXPORT COMPANY
P. O. BOX 128, HOPE, MINNESOTA 56046
Phone (507) 451-3316 **(800) 342-6976**
Fax (507) 451-2910

Attention tofu makers, soymilk processors and manufacturers of soy-based foods...

Is it time to:

- ☞ eliminate washing, rinsing and soaking?
- ☞ eliminate grinding?
- ☞ increase your yields dramatically?

Then it's time to switch to **Nichii** MicroSoy™ Flakes.

By using **Nichii** MicroSoy™ Flakes you will:

- realize a 26% to 47% savings on wash, rinse and soaking water
- eliminate up to 20 hours of soaking time
- eliminate over and under soaking problems
- save up to 90% on your waste water disposal costs
- use less power—up to a 40% savings
- completely eliminate mill or grinder maintenance and downtime
- save valuable floor space you use for soaking tanks

Your finished products will:

- gain a longer shelf-life (organic)
- increase in yields—up to 8% depending on method
- have increased protein levels
- be lower in fat and calories
- have a better taste, texture and firmness

Microsoy™ Flakes Analysis*	% of total
Moisture (by forced draft oven)	6.1
Fats	22.8
Protein (by Kjeldahl method)	40.4
Ash	4.8
Carbohydrates (by calculation)	23.6
Fiber, crude in food	2.3
Calories	2,136 per pound
	nutrients per 100 grams
Calcium	270.0 mg
Iron	6.4 mg
Zinc	3.7 mg
Folic acid	0.1 mg
Niacin	2.4 mg
Vitamin B1	1.3 mg
Vitamin B2	0.3 mg
Vitamin B6	0.7 mg

*analysis of MicroSoy Flakes made from Hilum #XLRB soybeans, conducted by Woodsen-Tenent Laboratories

Nichii MicroSoy™ Flakes are produced in Iowa and are available in bulk or bag, OCIA Certified Organic or regular.

Nichii Company of America, Inc.

MYCAL GROUP

23440 Hawthorne Boulevard
Skypark 2, Suite 140
Torrance, CA 90509 USA
TEL: 310/791-0010
FAX: 310/791-0018

Riceland Foods, Inc.
Edible Oil / Shortening Division
Product Information

RICELAND®

Riceland's edible oil refinery produces a wide range of soybean, corn, peanut, canola and cottonseed oil products. Located in Stuttgart, Arkansas, our refinery is in an excellent location to offer competitive pricing and service for all areas of the United States.

Our dedication to producing consistently high quality products and providing prompt service has made Riceland a major supplier to many of the largest food companies in America. Our research and development staff is available to provide guidance and technical assistance in manufacturing specialty products to meet the specific needs of our customers.

Our products are available in tank trucks, rail cars and various packaged sizes of 50-pound cubes, 35-pound cases, 6/1-gallon cases and 55-gallon drums. Bulk products include salad oils, hydrogenated, winterized and blended oils. Packaged products include all-purpose shortening, heavy-duty frying shortening, cake shortening and icing shortening. Liquid frying oils and specialty oils are also available in many different formulas.

Suggested Uses

Prepared Foods
Hydrogenated oils for fried and frozen chicken, fish, meats, egg rolls, vegetables, hushpuppies and entrees.

Snack Foods
Products specially designed for cookies, crackers, chips and other snack items.

Margarine
Blended oils are produced for stick and soft margarines.

Bakeries
Shortenings and a wide variety of bread pan and coating oils for making donuts, rolls, cakes and bread.

Salad Oil
For use in mayonnaise and salad dressing.

Specialty Applications
Oil products are made for use in soups, sauces, pizza, artificial cheese and more.

For more information on our full line of vegetable oil products, call:

Jerry Delatte, Richard Cagle or Nace Salomone toll free at 1-800-264-7423
or FAX at (501) 673-5397.

RICELAND
Riceland Foods, Inc.
P.O. Box 926 • Stuttgart, Arkansas 72160

Riceland Foods, Inc.
Lecithin Division
Product Information

RICELAND®

Riceland Foods Lecithin Division has a complete line of quality deoiled and fluid lecithin products to meet your needs. Our Research and Technical Center located in Stuttgart, Arkansas has a full staff of professionals available to answer your technical questions and offer valuable assistance in formulating new products.

PRODUCT LINE

Deoiled Lecithin

Lecigran F - coarse grind powder
Lecigran 5750 - fine grind lecithin powder
Lecigran A - powder w/silicon dioxide
Lecigran Super A - powder w/5% silicon dioxide
Lecigran M - lecithin granules
Lecigran C - lecithin granules w/TCP
Lecigran MT-1 - granules for magnetic media
Aquagran - feed quality deoiled lecithin

Fluid Lecithin

Leciprime N - fluid natural lecithin
Leciprime S - single-bleached fluid lecithin
Lecikote 8555 - water dispersible fluid lecithin, ideally suited for paint industry
Lecicap NV - premium fluid lecithin ideally suited for soft-gel encapsulation
Lecisperse 3236 - low viscosity fluid lecithin
Lecisperse 1682 - fluid concentrated phospholipids

SELECTED APPLICATIONS

Lecigran™ F

Color and Flavor Suspensions
- stabilizes and disperses

Coating Compounds (0.3-0.7%)
- reduces viscosity by wetting and dispersing action

Icings and Fillings (0.2-1%)
- controls viscosity, emulsifies

Chewing Gum Bases (0.7-2%)
- acts as softener, controls plasticizing, enhances smoothness, improves shelf stability

Pet Food (2-4% of fat)
- emulsifies fat, improves resorption and feed utilization, source of linoleic acid, choline

Lecigran™ 5750

Bakery Products (.02-.05%)
- improves shortening effect, dry blendable, stabilizes dough structure, increases water absorption

Egg Replacer & Extender (0.4-0.7%)
- emulsifies fat, improves dispersion, acts as a release agent

Baby Food (0.2-1%)
- emulsifies oil and promotes remixing, improves water solubility

Instant Powder (0.2-1%)
- smoothness enhancer, instantizing aid, dispersing aid, emulsifier

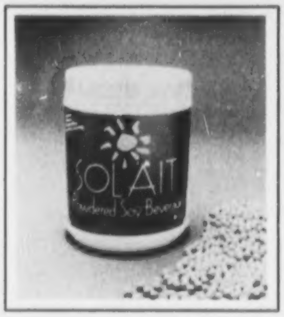
For more information on our full line of deoiled and fluid lecithin products, applications, and usage of each, please contact:

RICELAND

Riceland Foods, Inc.
Lecithin Division
P.O. Box 8201 • Little Rock, AR 72221 U.S.A.
(501) 225-0936 • fax (501) 225-9179

SOLAIT SOYMILK - THE HEALTHY CHOICE

- ❖ 100% NATURAL
- ❖ VERSATILE
- ❖ HIGH IN PROTEIN
- ❖ HIGH IN FIBER
- ❖ BEANY TASTE-FREE
- ❖ MASKING FLAVOR-FREE
- ❖ ADDITIVE-FREE
- ❖ CHOLESTEROL-FREE



❖ In 1926 the world renowned "China Doctor" Harry W. Miller developed his first soy based nutrition for China's protein deficient people. Doctor Miller and his son, Harry Miller Jr. acted as advisors to the United Nations, FAO and UNICEF while continuing their research in soy nutrition and approved soy products. In 1986, building on the Millers work, Miller Farms made a key technology breakthrough resulting in the Solait product line. Solait International now proudly carries on tradition started by the Miller Family in producing and marketing the best tasting soy products in the world.

❖ Solait powdered soy beverage consists of four natural ingredients. They are premium soybeans, rice syrup, corn oil and sea salt. After extraction of soy milk through a patented process the liquid is spray dried to a high quality soluble product.

❖ Solait powdered soy beverage is a versatile product for use as a dairy substitute. It is an excellent ingredient for soy drinks, fruit shakes, breads and bakery items, sauces and dips, desserts, ice cream and related food products.

Solait Powdered Soy Beverage is Kosher Parve.

FOR MORE INFORMATION ON SOLAIT, RECEIVE SAMPLES, OR INQUIRE ABOUT CUSTOM PACKAGING, CONTACT:

SOLAIT INTERNATIONAL
202 WEST 7TH STREET
P.O. BOX 885
CARROLL, IOWA 51401 USA

SOLAIT
International, Ltd.

Phone: 712-792-9225
FAX: 712-792-2712

IN THE USA CALL: 1-800-747-8605

Strayer Seed Farms

Processors and Marketers of Soybeans and Other Soy-Based Products

FOOD - QUALITY SPECIALTY SOYBEANS

THE STRAYER SEED FARMS COMMITMENT

Strayer Seed Farms is committed to a better life through better seeds and ultimately better food.

We are a family-owned business which has produced soybeans since 1912 and food-quality specialty soybeans since 1936.

We provide a consistent source of genetically-improved, food-quality specialty soybeans grown under our careful management by experienced soybean growers on the richest, natural soils for high-quality soyfood producers.

Our soybeans are tested for exact standards of moisture, cleanliness, size, and food-quality and are supported by sound advice, fair prices, prompt delivery, and consistent quality.

FOOD - QUALITY SPECIALTY SOYBEAN VARIETIES

Food-quality specialty soybeans varieties with desirable compositional and physical characteristics are developed to suit specific soyfood products. Compositional characteristics such as protein and oil greatly affect the way soybeans will work in the food production process. Physical characteristics such as seed size and seedcoat thickness also affect soyfood production.

Since soyfood products can be affected greatly by different compositional patterns and physical characteristics, we help high-quality soyfood producers recognize which food-quality specialty soybean varieties meet their specific needs. Recent laboratory testing procedures and evaluation studies have helped us identify many of these varietal differences.

SPECIFIC FOOD - QUALITY SPECIALTY SOYBEAN VARIETIES

Since high-quality soyfood producers have specific processes designed for specific soyfood products, we produce 12 specific food quality specialty soybean varieties offering a wide selection for use in soyfood production.

SOYMILK	Four varieties with good solids content, protein content, and ranging in viscosity from standard to thick.
TOFU	Four exceptionally high protein varieties for high quality tofu ranging from soft to firm.
TEMPEH	Three varieties with uniform size, thin seedcoats, and correct moisture to facilitate splitting and dehulling.
MISO	Two large-seeded varieties with 1600-1800 seeds and thin seedcoats.
NATTO	A spherical variety with 5400 seeds per pound and high in carbohydrates.
SPROUTING	Four varieties ranging in seed size from 2400-5400 seeds per pound with vigorous sprout development.
SOY SAUCE	Three varieties high in nitrogen with various other characteristics for a choice of end products.

STRAYER SEED FARMS, INC.

162 WEST HWY 58
HUDSON, IOWA 50643 USA

TELEPHONE 319-988-4187
FAX 319-988-3922

IOWA WATS 800-772-2958
USA WATS 800-728-4187

Processors and Marketers of Soybeans and Other Soy-Based Products

Companies Engaged in the Processing or Marketing of Soybeans or Other Soy-based Products Including:

- Soybean Crushers
- Soybean Oil Refiners
- Soyfoods Processors & Marketers
- Specialty Soybean Suppliers
- Soybean Breeders
- Exporters, Importers and Brokers of Soya Products

YELLOW PAGES -- COMPANIES LISTED BY COUNTRY

Country Index

Argentina 60
Australia 60
Austria 60
Bahrain 61
Bangladesh 61
Belgium 61
Bolivia 61
Brazil 62
Bulgaria 62
Canada 62
Chile 63
Colombia 63
Costa Rica 64
Cyprus 64
Denmark 64
Dominican Republic 64
Ecuador 64
Egypt 65
England 65
Finland 66
France 66
Germany 67
Greece 69
Guatemala 69
Honduras 69
Hong Kong 69
Hungary 69
India 70
Indonesia 72
Ireland 72
Israel 72
Italy 72
Jamaica 73
Japan 73
Korea, Republic of (South) 75
Kuwait 75
Malaysia 75
Malta 76
Mexico 76
Morocco 77
Nepal 78
Netherlands 78
Netherlands Antilles 79
New Zealand 79
Nicaragua 79
Nigeria 79
Norway 79
Pakistan 79
Panama 79
Poland 80
Portugal 80
Russia 80
Saudi Arabia 80
Scotland 80
Singapore 80
South Africa 81
Spain 81
Sri Lanka 82
Sweden 82
Switzerland 82
Taiwan 83
Thailand 83
Turkey 84
United Arab Emirates 84
United States of America (U.S.A.) 84
Venezuela 97
Yugoslavia 97
Zambia 98

C = Soybean Processor (Crusher)
R = Soybean Oil Refiner

SF = Edible Soy Products/Soyfoods
IP = Industrial Soy Products

★ Updated Listing
★★ New Listing

ARGENTINA

Aceitera General Deheza S.A. *C SF*
Affiliate of Aceitera Chabas S.A.
Moreno 149, P.O. Box 16, General Deheza
5923, Córdoba, ARGENTINA;
PH: 54/586/95-022 or 95-067;
FAX: 54/586/95-520; TLX: 54501 or 54589.
OTHER OFFICES: Capital Federal, Buenos Aires, ARGENTINA (Sales Office)
CONTACT: Adrian A. Urquia, Man. Dir.
Solvent extraction; crush cap. 1,600MT/day; storage cap. 600,000MT; animal/livestock feed, crude degummed soybean oil; served by rail, ship and truck.
CONTACT: Margarita Fernandez.
Lecithin (edible grade) in bulk (200 kg drums).

Enrique J. Aramburu ★★ *SF IP*
Casilla de Correo 1616,
1000 Buenos Aires, ARGENTINA;
PH: 54/1/771-1566 FAX: 54/1/394-2817
CONTACT: Enrique Aramburu, Dir.
Soy flour ("Proteinas argentinas"); soy grits ("proteinas vegetales"); soy flour, for these uses: baker, sausages additive, hamburger additive. Broker, cash/product; supplier of soybeans for food use; **EXPORTER**: soybeans for food use, soy flour; soy grits.

Cargill S.A.C.I. ★★ *C*
Affiliate of Cargill, Inc.
Leandro N. Alem 928, Casilla de Correo No. 2494, 1000 Buenos Aires, ARGENTINA;
PH: 54/1/313-4422; FAX: 54/1/3134111;
TLX: 24278 CARBA AR.
OTHER OFFICES: Cargill, San Martin, Santa Fe, ARGENTINA; Cargill, Necochea, Buenos Aires, ARGENTINA
CONTACT: Mr. Hector Marsili, Acct. Mgr.
Solvent extraction; crush cap. 5000 MT/day; storage cap. 276,000 MT; crude degummed soybean oil and meal; served by ship and truck.
CONTACT: Merchandising Mgr.

Compania Continental S.A.
Affiliate of Continental Grain Co., USA
MAIN OFFICE: Ave. Eduardo Madero 942,
Buenos Aires 2206, ARGENTINA;
PH: 54/1/312-5601; FAX: 54/1/313-7219;
TLX: 390-22372 (CONT AR).
OTHER OFFICES: Chivilcoy (mfg.)
CONTACT: Fernando O. DeRoa, Gen. Mgr.

Compania Continental S.A. *C R*
Ruta 5, Km. 160, Chivilcoy 6620, ARGENTINA;
PH: 011/541/312-5601;
TLX: 390-22372 (CONT AR).
CONTACT: Diego Barbero
Solvent extraction; crush cap. 750MT/day; storage cap. 75,000MT; crude degummed soybean oil; served by truck. Refining storage cap. 8,800MT; crude degummed soybean oil; served by truck.

Molinos Rio de la Plata S.A. *C R SF*
Paseo Colon 746, Piso 3,
Buenos Aires 1323, ARGENTINA;
PH: 54/1/331-3002 or 3003; FAX: 54/1/30-4439; TLX: 22270 (MRPSA AR).
OTHER OFFICES: Avellaneda, Provincia de Buenos Aires (mfg.); Puerto Vilelas, Chaco (mfg.)
CONTACT: Juan D. Protto, Div. Mgr.
Continuous screw press, solvent extraction; crush cap. 2,800MT/day; storage cap. 160,000MT; crude degummed soybean oil, meal; served by ship and truck. Refining cap. 800MT/day; storage cap. 30,000MT; edible soy oil products, refined soybean oil. Soy oil products, cooking/salad oil; margarine; salad dressing; shortening.

Nidera Argentina S.A. ★★
Affiliate of Asgrow Seed Co.
Cassila De Correo 6,
2600 Venado Tuerto, ARGENTINA;
PH: 54 0462022673; FAX: 54 0462 23014.
CONTACT: Rodolfo L. Rossi, Soybean Mgr.
Soybean breeder.

Tankay S.A. *C*
Casilla de Corbeo Nº35, P.O. Box 2136,
San Geronimo, Santa Fé, ARGENTINA;
PH: 041/45688 or 63354 or 961408 or 932470; TLX: 41972 (TNKAY AR).
CONTACT: Hector C. Autino, Operations Mgr.
Solvent extraction; crush cap. 1,200MT/day; storage cap. 70,000MT; crude degummed soybean oil, meal; served by barge, rail.

AUSTRALIA

Cargill Processing Ltd. *C R*
Affiliate of Cargill Oilseeds Australia
425 Somerville Road, West Footscray 3012,
Victoria, AUSTRALIA;
PH: 61/3/314-0933; TLX: 30875.
CONTACT: John Spence
Solvent extraction; crush cap. 400MT/day; storage cap. 8,000MT; meal; served by truck. Refining cap. 70MT/day; storage cap. 4,000MT; crude degummed soybean oil; served by truck.

Gardner Smith Pty. Ltd. *C R SF IP*
P.O. Box 606, Neutral Bay Junction 2089,
N.S.W., AUSTRALIA;
PH: 02/909-2222; FAX: 02/909-8340 or 8691; TLX: (AA) 120824.
CONTACT: Peter Shearman, Veg. Oil Mgr.
Continuous screw press; crush cap. 100MT/day; animal/livestock feed, crude degummed soybean oil, hulls, meal, white flakes for edible purposes; served by ship & truck. Refining cap. 50MT/day; storage cap. 8,000MT; crude degummed soybean oil, industrial oil products; refined soybean oil; served by truck. Soy fiber; soy flour; full fat soy flour; soy grits. Full fat soy flour/soy protein (industrial grade); soy oil (industrial grade). Broker, cash/product; supplier of soybeans for food use;
EXPORTER: Soyabean meal; soyabean flour;
IMPORTER: Soyabean meal.

N. & M. Harris & Sons ★★
MAIN OFFICE: Moomin, Rowena ,
N.S.W. 2387, AUSTRALIA;
PH:61/67/965206; TLX: 61/67/965269.
CONTACT: Myrna Harris, Partner
Supplier of soybeans for food use; supplier of organically grown soybeans; **EXPORTER**: bagged or bulk cleaned & graded, food quality soybeans.

Meadow Lea Foods *R SF*
Affiliate of Goodman Fielder Wattle Ltd.
514 Gardeners Road, Mascot 2020,
NSW, AUSTRALIA;
PH: 61/02/693-6398; FAX: 61/02/669-6973;
TLX: 120540 (MEDLEA).
CONTACT: Warren Burden, Gen. Mgr., Supply
PLANT SUPERINTENDENT: Roy Taylor
Refining cap. 900MT/day; storage cap. 3,000MT (nationally); crude degummed soybean oil, edible soy oil products, fractionated soy oil, hydrogenated soy oil, industrial oil products, refined soybean oil; served by rail, ship and truck. Soy oil products, GOLD'N CANOLA, MEADOW LEA, MRS MCGREGORS, ETA, MEADOW LEA LITE margarine; shortening (various brands).

Nutrisoy Pty. Ltd. ★ *SF*
255 Forest Road, Arncliffe 2205,
N.S.W., AUSTRALIA;
PH: 61/2/597-4120.
CONTACT: Tony Wondal, Man. Dir.
Soyfoods, NUTRISOY tempeh; NUTRISOY tofu; other soy-based foods, NUTRISOY tempeh burger.

Protein Technologies International, Inc. ★★ *SF IP*
Subsidiary of Ralston Purina
335 Plummer Street, Port Melbourne,
Victoria, AUSTRALIA;
PH: 613/646-6300; FAX: 613/646.6601;
TLX: 790/33218 FELDA AA
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

Riverland Oilseed Processors Pty. Ltd. *C SF IP*
P.O. Box 177, Numurkah 3636,
Victoria, AUSTRALIA;
PH: 61/58/621-666.
CONTACT: Gavyn Anderson, Gen. Mgr.
PLANT SUPERINTENDENT: Len Connor
Continuous screw press; crush cap. 60MT/day; storage cap. 500MT; animal/livestock feed, crude degummed soybean oil, meal; served by truck. NATURE'S FAMILY full fat soy flour (enzyme active); soy oil products, cooking/salad oil; margarine. Soy flour/soy protein (industrial grade) for livestock feed.

AUSTRIA

Osterreichische Unilever / Kuner Nahrungsmittel ★ *R SF IP*
Affiliate of Unilever N.V. Rotterdam
Breitenfurter Strabe 239,
Vienna 1230, AUSTRIA;
PH: 0043/222/80181;
FAX: 0043/222/80181136 .
CONTACT: E. Habié, Chman.
Hydrogenated soy oil, refined soybean oil; served by rail and truck. Soy oil products, cooking/salad oil; salad dressing. Soy oil (industrial grade).

BAHRAIN

Delmon Poultry Company *C*
P.O. Box 20535, Manama, BAHRAIN;
PH: 0973/727690 or 631530; FAX: 632426;
TLX: 9669 (DEPCO BN).
CONTACT: J. Halwachi, Gen. Mgr.
Animal/livestock feed.

BANGLADESH

Al-Quadri International
356, North Shahjahanpur, P.O. Shantinagar,
Dhaka, BANGLADESH;
PH: 880/2/416081; FAX: 880/2/833495
(Attn: Alquadri); TLX:671201 (TBCLBJ).
CONTACT: C. A. Zaman
EXPORTER: Degummed crude soybean oil; crude soybean oil; edible soybean oil;
IMPORTER: Degummed crude soybean oil; crude soybean oil; edible soybean oil.

Rahatin Industries Ltd. ★★ *R*
73 Dhanmondi, R.A., Road No. 8A,
Dhaka 1209, BANGLADESH;
PH: 880/2/312610; FAX: 880/2/813297.
CONTACT: Md. Moazzem Hossain, Gen. Mgr.
PLANT SUPERINTENDENT: Mr. Karim
Refining cap. 100MT/day; storage cap. 1500MT; crude degummed soy oil, fractionated soy oil, hydrogenated soy oil, refined soybean oil; served by rail and truck.

BELGIUM

Alpro N.V. ★ *SF*
Affiliate of Vandemoortele N.V.
Vlamingstraat 28, Wevelgem 8560,
West-Flanders, BELGIUM;
PH: 056/432211; FAX: 056/432299;
TLX: 86222 (ALPRO B).
CONTACT: Philippe Vandemoortele, Man. Dir.
Soyfoods, ALPRO, PROVAMEL and SUNSOY soymilk, drinks or beverages in 1 liter, 0.5 liter and 0.25 liter sizes.

N.V. Cottry & Company S.A. ★
Marktplein 16, Wijnegem B-2110,
Antwerpen, BELGIUM;
PH: 32/3/353-3688; FAX: 32/3/353-3582;
TLX: 32511 (COTTRY B).
CONTACT: Michel Cottry, Man. Dir.
Broker, cash/product.

De Hobbit *SF*
Nijverheidslaan 9,
Maldegem B-9990, BELGIUM;
PH: 32/50/717020; FAX: 32/50/717212.
CONTACT: Eric Dewilde, Gen. Mgr.
Simulated meat products (analogs) based on tempeh fermentation; soyfoods, tempeh, fresh, pasteurized, steril, smoked; other soy-based foods, paté; salads; burgers.

Goorden N.V. ★ *SF*
Melkerijstraat 1, Schoten 2900, BELGIUM;
PH: 32/3/324-3835; FAX: 32/3/324-3838;
TLX: 31394 (GORDEN B).
CONTACT: Yves Vanden Avenne, Man.Dir.
LECINA lecithin (edible grade); SOYPROT isolated soy proteins; GICSOY 0, GICSOY 1 soy flour; GICSOY 20, DIAGIC full fat soy flour; GICTINE, SOYA KB texturized soy flour; SOYA TSB soy fiber; GICSOY GRITS soy grits.
EXPORTER: Full fat toasted soy flour; full fat enzyme active toasted soy flour; defatted toasted soy flour; defatted enzyme active toasted soy flour; soy concentrates; soy isolates; texturized soy flour; soy fibers; soy grits; lecithin; kibbled beans; soy albumen;
IMPORTER: Full fat toasted soy flour; full fat enzyme active toasted soy flour; defatted toasted soy flour; defatted enzyme active toasted soy flour; soy concentrates; soy isolates; texturized soy flour; soy fibers; soy grits; lecithin; kibbled beans; soy albumen;

Lucas Meyer N.V. *C R SF IP*
Affiliate of Lucas Meyer GmbH & Co., Hamburg
Industrieterrein De Bruwaan, 5A, B-9700
Oudenaarde, BELGIUM;
PH: 32/55/317811; FAX: 32/55/319264;
TLX: 86138 (MEYER B).
OTHER OFFICES: Campinas, BRAZIL; Chester, ENGLAND; Le Blanc Mesnil, Cedex, FRANCE; Hamburg, FEDERAL REPUBLIC OF GERMANY; Vigonza, ITALY; Zaandaui, NETHERLANDS; Barcelona, SPAIN; Decatur, IL
CONTACT: Marc Aelvout, Man. Dir.
Animal/livestock feed. Edible soy oil products; industrial oil products. SOYAMIN 90 isolated soy protein; TOPCITHIN, M-C-THIN, EMULFLUID, METARIN, EMULPUR, EMULGUM, LECIMULTHIN, EMULTHIN, EPICHOLIN, and EPIKURON lecithins (edible grade); SOVITAL soy bran; NURAFLAKES full fat soy flakes; SOYAMIN 50 soy flour; SOYAPAN and NURUPAN full fat soy flours; NURUGRAN full fat soy grits; SOYOCO full fat soy kernels; NURULAT full fat soy powder; VEGAFOOM soy protein (whipping); TEXTRATEIN textured soy protein; SOYAMIN 70 soy protein concentrates. LIPOTIN and LIPOWET lecithin (industrial grade) for paints, varnishes, leather, magnetic tapes, coatings, inks and cosmetics; EMULMETIK modified soya phospholipids.

Oliefabrieken Debeil N.V. *R*
Sint Jansstraat 122, Staden 8140, BELGIUM;
PH: 32/51/701701;
TLX: 046-81567 (DEBEIL B).
CONTACT: Frederik Debeil, Man. Dir.
Refining cap. 50MT/day; storage cap. 500MT; refined soybean oil; served by truck.
CONTACT: Guy Van Tongel, Comm. Dir.

Protein Technologies International, Inc. ★★ *SF IP*
Subsidiary of Ralston Purina
American House, Amerikalei 122/3rd Floor, B-2000 Antwerpen, BELGIUM;
PH: 32-3-238-6232; FAX: 32-3-248-5942.
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

Scaldiswerken Ruien N.V. *C R*
Avelgemstraat 6,
B-9690 Kluisbergen, BELGIUM;
PH: 32/55/388412.
CONTACT: Albert Windels, Eng.
Continuous screw press; crush cap. 20MT/day; storage cap. 1,000MT; animal/livestock feed, crude soybean oil; served by bargu and truck.
CONTACT: Maurice Windels.
refined soybean oil.

N.V. Vamo Mills ★
MAIN OFFICE: Prins Albertlaan 12,
Izegem 8700, BELGIUM;
PH: 32/51/332211; FAX: 32/51/311965;
TLX: 81622 (VAMO B).
OTHER OFFICES: Ghent; Merksem, BELGIUM; Sète, Lezoux, FRANCE; Mainz, Riesa, GERMANY
CONTACT: R. van Giffen, Gen. Mgr.

N.V. Vamo Mills ★ *C SF IP*
Moervaartkaai, Ghent 9020, BELGIUM;
PH: 32/51/332211; FAX: 32/51/311965;
TLX: 81622 (VAMO B).
CONTACT: R. VanGiffen, Gen. Mgr.
PLANT SUPERINTENDENT: Mr. G. Vanmarcke
Solvent extraction; crush cap. 3,300MT/day; storage cap. 60,000MT; crude degummed soybean oil, hulls, meal; served by barge, rail, ship and truck.
CONTACT: G. Vanmarcke
Lecithin (edible grade), 200 kg drums, 1 ton bins & bulk; PROVABIS soy flour, defatted & debittered; PROVAMIX (debittered) & PROVAFLOR (enzyme-active) full fat soy flour; PROVAGRITS (debittered full fat soyagrits).
CONTACT: Mr. Pieter Verburgh
Lecithin (industrial grade), 200 kg drums, 1 ton bins & bulk, for milk-replacers, paints, leather, etc.; PROVASOY soy flour, defatted and full fat for specialty animal feeds and pharmaceutical fermentation.
CONTACT: Mr. Lieven Plets

N.V. Vamo Mills ★ *C SF IP*
Carrettestraat 27, Merksem 2060, BELGIUM;
PH: 32/51/332211; TXL: 81622 (VAMO B);
FAX: 32/51/311965.
CONTACT: R. van Giffen Gen. Mgr.
Solvent extraction; crush cap. 1.850MT/day; storage cap. 20,000MT; crude degummed soybean oil, hulls, meal; served by barge, rail, ship and truck. Lecithin (edible grade), 200 kg drums, 1 ton bins & bulk. Lecithin (industrial grade), 200 kg drums, 1 ton bins & bulk, for milk-replacers, paints, leather, etc.

N. V. Vandemoortele *R SF*
Prins Albertlaan 12, B-8870 Izegem, BELGIUM;
PH: 51/332211; FAX: 51/302218;
TLX: 81622 (VAMO B).
CONTACT: Jacques Rabaut, Gen. Mgr.
Edible soy oil products, fractionated soy oil, hydrogenated soy oil, industrial oil products, refined soybean oil; served by barge and truck. Soy oil products, cooking/salad oil; margarine; salad dressing; shortening.

BOLIVIA

Industrias de Aceite S.A. ★ *C R SF*
Ballivian 262, P.O. Box 1759,
Santa Cruz, BOLIVIA;
PH: 591/33-47700; FAX: 591/33-42608;
TLX: 42608 (IASA BV).
Solvent extraction; crush cap. 400MT/day; storage cap. 70,000MT; crude degummed soybean oil, crude soybean oil, meal; served by truck. Refining cap. 60MT/day; storage cap. 5,000MT; crude degummed soybean oil, edible soy oil products, hydrogenated soy oil, refined soybean oil; served by truck. Soy oil products, FINO cooking/salad oil; REGIA margarine.

Sociedad Aceitera del Oriente S.A. (SAO) ★ *C R*
Parque Industrial Pesado, Manzana PL-9, P.O. Box 1295, Santa Cruz, BOLIVIA;
PH: 591/3/350888, 350889, 350890;
TLX: 4299 (SAO BV); FAX: 591/3/349941.
CONTACT: Fernando Candia, GM
PLANT SUPERINTENDENT: Ricardo Busato
Solvent extraction; crush cap. 240 MT/day; storage cap. 60,000MT; crude soybean oil, meal; served by rail and truck. Refining cap. 80MT/day; storage cap.2,500MT; crude degummed soybean oil, refined soybean oil; served by truck and rail.
CONTACT: Carlos E. Kempff

BRAZIL

Cargill Agricola S.A. *C R*
Rua Olavo Bilac 157, P.O. Box 9333,
São Paulo 01000, S.P., BRAZIL;
PH: 55/11/545-0211; FAX: 2464571;
TLX: 11/37764 (CARGB BR).
CONTACT: Sergio Barrosa, Acct. Mgr.
Solvent extraction; crush cap. 5,500MT/day; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail, truck and ship. Refining cap. 700MT/day; refined soybean oil; served by truck, rail and ship.

COAMO Ltd. ★★ *C*
Rua Fioravante, Joao Ferri, no. 99, P.O. Box 460, Campo Mourao 87300, P.R., BRAZIL;
PH: 55/0448/23-2250; FAX: 0055/0448/22-1198; TLX: 448 714 CAMP BR.
CONTACT: Germano José Frenzel Ottoman
PLANT SUPERINTENDENT: Germano José Frenzel Ottoman
Solvent extraction; crush cap. 2,000MT/day; storage cap. 98,000MT; crude degummed soybean oil, meal; served by ship, and truck.

Continental de Oleos Vegetais
Affiliate of Continental Grain Co., USA
Avenida Reboucas 2492,
São Paulo 05402, BRAZIL;
PH: 55/11/280-8433; FAX: 55/11/280-8172.
CONTACT: Ricardo Pelucio, Mgr.

Cooperativa Central Agropecuária Campos Gerais Ltda. *C*
Rodovia Ponta Grossa Palmeira, Km. 01, Ponta Grossa 84.045, Paraná, BRAZIL;
PH: 55/0422-248166; FAX: 0422/248028;
TLX: 422/240-366.
CONTACT: Willem Boer, Financial/Admin. Mgr.
Solvent extraction; crush cap. 600MT/day; storage cap. 808,309BU or 22,000MT; animal/livestock feed, crude degummed soybean oil, meal; served by rail and truck.
CONTACT: Francisco J. Klotz, Gen. Mgr.

Industria e Comercio de Oleos Vegetais S.A. (OLVEBRA) *C R*
Rua Siqueira Campos, 1163, Porto Alegre 90 010, R.G. Sul, BRAZIL;
PH: 055/512-251200; FAX: 0512/288639;
TLX: 055/51-1225.
CONTACT: Luiz A. Erhart
Solvent extraction; crush cap. 2,500MT/day; storage cap. 107,000MT; crude degummed soybean oil, meal, white flakes for edible purposes; served by rail; Refining cap. 450MT/day; storage cap. 5,200MT; crude degummed soybean oil; served by rail.

Industrias J. B. Duarte S.A. ★ *C R SF IP*
Rua XV de Novembro, 608,
Santo Anastácio 19360, S.P., BRAZIL;
PH: 182/61-1933; TLX: 182-305 (IJBD BR).
CONTACT: Onofre A. Baptista, Comm. Mgr.
Solvent extraction; crush cap. 1,100/day; storage cap. 45,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, meal; served by rail and truck.
CONTACT: Onofre A. Baptista
Storage cap. 6,000MT; crude degummed soybean oil, edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by truck and rail. Lecithin (edible grade). Lecithin (industrial grade); soy oil (industrial grade; soy sterols and tocopherols.

Industrias J. B. Duarte S.A. ★ *R SF IP*
Rua dos Patriotas, 1382, P.O. Box 1002,
São Paulo 04207, S.P., BRAZIL;
PH: 55/011/274-8211;
FAX: 55/011/2159272.
OTHER OFFICES: Santo Anastácio, S.P.
CONTACT: Lian de Abreu Duarte, Comm. Dir.
refining cap. 400 mt/day; storage cap 5,000 MT/day; served by rail, truck. Lecithin (edible grade); soy oil products, cooking/salad oil; shortening. Lecithin (industrial grade) for general uses; soy oil (industrial grade) for general uses.
CONTACT: Lian Duarte
EXPORTER: Soybeans; soybean meal; crude degummed, fully refined and cooking/salad oil; lecithin; shortening; tocopherols; **IMPORTER**: Soybeans and crude degummed oil.

SAMRIG S.A. ★ *C SF IP*
Conceição, 195, P.O. Box 614,
Porto Alegre, R.S., BRAZIL;
PH: 512/261922; FAX: 512/261922;
TLX: 511233 (SAMRB BR).
OTHER OFFICES: Esteio, R.S. (mfg.); São Paulo, S.P. (office)
CONTACT: José Zillo, Dir.
Solvent extraction; crush cap. 2,000MT/day; storage cap. 130,000MT; crude degummed soybean oil, hulls, meal, white flakes for edible purposes; served by rail, ship and truck.
CONTACT: Norman Bischoff.
SAMPROSOY 90 isolated soy proteins; lecithin (edible grade—25 types); FIBERICH soy fiber; PROSAM soy flour; MAXTEN textured soy flour; soy grits; soy oil products, cooking/salad oil; shortening; soy protein concentrates (water extraction process, functional types). TEXTROL lecithin (industrial grade) for paints; soy flour (industrial grade) for fermentation media.

See Our Advertisement P. 33

BULGARIA

HRANEXPORT
56, Alabin Street, Sopia 1000, BULGARIA;
PH: 872-339; FAX: 87-74-53; TLX: 22525.
CONTACT: Yovtcho Roussev, Gen. Dir.
IMPORTER: Soybeans; soybean meal; soybean meal pellets.

CANADA

A.D.M. Agri-Industries, Ltd. ★ *C R SF IP*
Affiliate of Archer Daniels Midland Company d/b/a Maple Leaf Monarch. 5550 Maplewood Drive, P.O. Box 7128, Windsor N9C 3Z1, Ontario, CANADA;
PH: 519/972-2314; FAX: 519/969-0414;
TLX: 06477887 (MLMON).
OTHER OFFICES: Little Rock, AK; Augusta, Valdosta, GA; Des Moines, IA; Frankfort, IN; Champaign, Decatur, Galesburg, Granite City, Taylorville, IL; Fredonia, KS; Mankato, MN; N. Kansas City, Mexico, MO; Clarksdale, MS; Fremont, Lincoln, NE; Fostoria, OH; Kershaw, SC; Spyck, GERMANY (ADM Oelmuehlen GmbH); Rotterdam, NETHERLANDS (A.D.M. Company Europe); Europoort, NETHERLANDS (A.D.M. Europoort).
CONTACT: John D. McNamara, Mgr.
Solvent extraction; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail and truck. Crude degummed soybean oil, edible soy oil products; served by rail and truck. Lecithin (edible grade); soy oil products, cooking/salad oil; margarine; salad dressing; shortening. Lecithin (industrial grade); soy sterols and tocopherols.
CONTACT: Doug Miller.

Agro Company of Canada Ltd.
450 Bridge Street, Montreal H3K 2C6, Quebec, CANADA;
PH: 514/937-4241;
TLX: 055-60623 (AGRO CAN).
OTHER OFFICES: Winnipeg, Manitoba; Vancouver, B.C., CANADA
CONTACT: Tony Plowman, Vice Pres., Exports Broker, cash/product.

Canada Packers Inc. *R SF*
MAIN OFFICE: Edible Oil Division, 30 Weston Road, Toronto M6N 3P4, Ontario, CANADA;
PH: 416/761-4170; FAX: 416/761-4452.
OTHER OFFICES: Montreal, Quebec; Wainwright, Alberta (mfg.)
CONTACT: Art Cyr, Vice Pres. & Gen Mgr.
PLANT SUPERINTENDENT: Doug Sparks
Edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by rail, ship and truck.
CONTACT: Doug Sparks, Plant Mgr.
Soy oil products, cooking/salad oil (36 liter pails to jumbo tank cars); margarine (20 kg cubes to jumbo tank cars); shortening (20 kg cubes to jumbo tank cars).

Canada Packers Inc. *R SF*
P.O. Box 636, Wainwright T0B 4P0, Alberta, CANADA;
PH: 403/842-6154; FAX: 403/842-6154;
TLX: 037-41603.
CONTACT: Brian Bochard, Western Reg. Mgr.
Edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by rail and truck. Soy oil products, cooking/salad oil; margarine; shortening (all in tank trucks & tank cars).

Canada Packers, Inc. *R SF*
1260 Mill Street, Montreal H3K 2B4, Quebec, CANADA;
PH: 514/934-6595; FAX: 514/934-6596;
TLX: 055-60601.
CONTACT: Pierre Cardin
Edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by rail, ship and truck. Soy oil products, cooking/salad oil (36 liter pails to jumbo tank cars); margarine (20 kg cubes to jumbo tank cars); shortening (20 kg cubes to jumbo tank cars).

Central Soya of Canada Ltd. ★ *C SF*
Affiliate of Central Soya Company, Inc.
P.O. Box 618 Station A, Hamilton L8N 3K7,
Ontario, CANADA;
PH: 416/527-9121; FAX: 416/527-3306.
OTHER OFFICES: Decatur, IN; Fort Wayne, IN; Indianapolis, IN; Remington, IN; Gibson City, IL; Bellevue, OH; Delphos, OH; Marion, OH
CONTACT: Murray Davis
Solvent extraction; crude degummed soybean oil, meal; served by barge, rail, ship and truck. Lecithin (edible grade).

Champlain Industries Ltd. *SF*
600 Wallrich Avenue, Cornwall K6H 5S7,
Ontario, CANADA;
PH: 613/932-1961; FAX: 613/937-3575.
OTHER OFFICES: Harbor Beach, MI; Clifton, NJ
CONTACT: John Poirer, Plant Mgr.
PLANT SUPERINTENDENT: John Poirer
Hydrolyzed vegetable protein.

CSP Foods Ltd. *C R SF*
35 - 10th Avenue, N.W., P.O. Box 750, Altona
R0G 0B0, Manitoba, CANADA;
PH: 204/324-6481; FAX: 204/324-5995.
CONTACT: Norman Buhr, Location Gen. Mgr.
Solvent extraction; crush cap. 800MT/day; crude soybean oil, meal; served by rail and truck. Refining cap. 30CMT/day (RBW) & 150MT/day (deod.); crude degummed soybean oil, edible soy oil products, refined soybean oil; served by truck and rail. Soy oil products, cooking/salad oil.

King Agro, Division of Kingroup, Inc.
Affiliate of Sanofi, Inc.
P.O. Box 1088, Chatham N7M 5L6,
Ontario, CANADA;
PH: 519/354-3210; FAX: 519/354-8155;
TLX: 064-78548 (KING CHAT).
OTHER OFFICES: Blissfield, MI; Santiago, CHILE (King Grain Limitada)
CONTACT: Paul King, Chman.
Soybean breeder; soybean seed supplier; supplier of soybeans for food use; **EXPORTER**: King soy brand special quality edible soybeans.

King Grain ★
Farm Service Div., P.O. Box 1088, Chatham
N7M 5L6, Ontario, CANADA;
PH: 519/354-5900; FAX: 519/354-8155;
TLX: 064-78548.
CONTACT: Kim Cooper, Export Mgr.
Supplier of soybeans for food use (specializing in high protein, tofu-type soybeans);
EXPORTER: white hilum soybeans; natto and tofu type soybeans.

La Soyarie, Inc. ★ *SF*
94 Adrien Robert, Hull J8Y 3S2,
Quebec, CANADA;
PH: 819/777-6716.
CONTACT: Koïchi Watanabe, Pres.
PLANT SUPERINTENDENT: Simon Bubé
Soyfoods, LA SOYARIE tofu; soynuts (whole soybean snacks); other soy-based foods, LA SOYARIE tofuburgers.
CONTACT: Richard Gosselin

Miratrade International ★
Affiliate of Miracle Feeds of Canada Ltd.
291 King Street, P.O. Box 23087,
London N6A 5N9, Ontario, CANADA;
PH: 519/663-5635; FAX: 519/667-7378.
OTHER OFFICES: Miracle Feeds - London, Ontario; Chateauguay, Quebec; Delta, B.C.; Edmonton, Alberta; Winnipeg, Manitoba, CANADA; Onalaska, WI; Rochester, NY; Lenhartsville, PA; Winston Salem, NC; Americus, GA; Olive Branch, MS; Longview, TX; Shafter, CA; Milton, Ontario, CANADA (Miratrade Int'l.)
CONTACT: Jack Smit, Dir..
Broker, cash/product; **IMPORTER**: Soymeal; soy hulls.

Noble Bean ★ *SF*
RR #1, McDonalds Corners K0G 1M0,
Ontario, CANADA;
PH: 613/278-2305.
CONTACT: Allan Brown, Mgr.
PLANT SUPERINTENDENT: Allan Brown
Soyfoods, tempeh, soy; quinoa/sesame; three grain; sea veggie; other soy-based foods, tempeh burgers.

Noctorum , Inc. ★
50 Lavender Way, London N5X 3H9,
Ontario, CANADA;
PH: 519/642-2194; FAX: 519/642-1556.
CONTACT: P. Maurice Bell, Pres.
EXPORTER: Full fat soya flour (Enzyme Active).

Oriac International ★
41 Mutual Street, Toronto M5B 2A7,
Ontario, CANADA;
PH: 416/365-7011; FAX: 416/365-1552;
TLX: 062-17792 (ORIAC INTL TOR).
OTHER OFFICES: Baltimore, MD; Alexandria, EGYPT
CONTACT: Wayne Bacon, Gen. Mgr.
EXPORTER: Soybeans; soybean meal (bulk or bagged); soybean hulls.

Pokonobe Industries Inc. ★ *C R SF*
CP 814, Snowdon, Montreal H3X 3X9,
Quebec, CANADA;
PH: 514/737-4099; FAX: 514/738-7084.
OTHER OFFICES: Santa Monica, CA; New York
CONTACT: David Nagley, Gen. Mgr.
Continuous screw press, hydraulic press; crude degummed soybean oil, crude soybean oil; served by rail, ship and truck. Crude degummed soybean oil, edible soy oil products, refined soybean oil; served by rail, ship and truck. Soybean products, cooking/salad oil (expeller-pressed only).

Promexport Canada Ltd. ★
Affiliate of Europmarkets (France)
Plaza Tower, Suite 2510, 4000 de
Maisonneuve West, Montreal H3Z 1J9,
Quebec, CANADA;
PH: 514/935-0945; FAX: 514/933-3066;
TLX: 055-61326.
CONTACT: Michael Librowicz, Pres.
Broker, cash/product; **EXPORTER**: Soybeans, soy oil, soy meal.

Protein Technologies International, Inc. ★★ *SF IP*
Subsidiary of Ralston Purina Company
2500 Royal Windsor Drive, Mississauga,
Ont. L5J 1K8, CANADA;
PH: 416-822-1998 FAX: 416-855-5700.
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

Unisoya, Inc. *SF*
Affiliate of Berero Inc. (Tounatur Foods Inc.)
1020 St. Regis, St - Isidore Co. Laprairie J0L
2A0, Quebec, CANADA;
PH: 514/454-2429.
OTHER OFFICES: Laprairie, Quebec (Berero Inc.); Co. Laprairie, Quebec, CANADA (Tounatur Foods)
CONTACT: Robert Alarie, Vice Pres., Mkting.
PLANT SUPERINTENDENT: Real Beaulieu
EL PERRO (wieners), MINI-PERRO (cocktail mini wieners), EL PERRONI (tofu pepperoni) simulated meat products (analogs); soyfoods, other soy-based foods, TOFUSSIMO fresh tofu desserts; TOFUSSIMO fresh tofu pastas (ready to eat); frozen vegetarian pizzas.

CHILE

Agromaule Ltda.
Affiliate of Lucchetti S.A., Santiago, CHILE
Camino Longitudinal Sur #630, Casilla 2-D,
Talca, VII Región, CHILE;
PH: 071/221379; FAX: 238-2608;
TLX: 350018 (AGROIN CK).
IMPORTER: Crude partially degummed soybean oil.

Soc. Productores de Leche S.A. (SOPROLE) ★ *C SF IP*
Affiliate of New Zealand Dairy Board
Diagonal Santa Elena 2605, San Joaquín,
Santiago, CHILE;
FAX: 56/2/552-0555
CONTACT: Rodolfo Sarno, Comm. Dir.
PLANT SUPERINTENDENT: Alex Orphanopoulos
margarine. Soy oil (industrial grade); soybean fatty acids.
CONTACT: Alex Orphanopoulos, Tech. Dir.

Watt's Alimentos S.A. *R SF IP*
Presidente Jorge Alessandri R. 10501, Casilla
14271, Correo 21, Santiago, CHILE;
PH: 56/2/558-3625; TLX: 240029.
OTHER OFFICES: Antoragasta; Concepcion; Iquique; La Serena; Santiago (Industria Nacional de Alimentos Ltda.); Talca; Temuco; Vina del Mar
CONTACT: Luis Araya, Gen. Mgr.
Refining cap. 300MT/day; storage cap. 12,000MT; edible soy oil products, hydrogenated soy oil, refined soybean oil; served by ship and truck. Soy oil products, SUPERIOR, BELMONT, REINA cooking/salad oil; SURENA, DANESA, SUPERIOR, REINA margarine; CRUZTECA, CRUCINA, PAMPERO shortening.
CONTACT: Sergio Sepulveda.
Refined soy oil (industrial grade) for alkyd resins.

COLOMBIA

Aceites del Caribe S.A. *C SF*
Affiliate of Lloredo Grasas S.A.
Via 40 Calle 87, Apartado Aereo 2333,
Barranquilla, COLOMBIA;
PH: 340010; TLX: 033367 (ADCA CO).
CONTACT: Hugo P. Romero, Comm. Mgr.
Solvent extraction; crude degummed soybean oil, crude soybean oil, meal; served by truck. Lecithin (edible grade).

C = Soybean Processor (Crusher)
R = Soybean Oil Refiner
SF = Edible Soy Products/Soyfoods
IP = Industrial Soy Products
★ Updated Listing
★★ New Listing

COGRA Lever S.A. ★ *R SF IP*
Carrera 46 + 13-46, Bogotá, D.C., COLOMBIA;
PH: 57/268-7766; FAX: 57/269-2186;
TLX: 041445.
CONTACT: Carlos Eduardo Calderón, Oils & Seeds Purchasing Mgr.
Refining cap. 300MT/day; storage cap. 3,000MT; edible soy oil products, industrial oil products. Soy oil products, margarine for commercial use; shortening made with a mixture of oils; soy oil for mayonnaise. Soy oil (industrial grade).

Grasas S.A. ★ *C R SF IP*
Calle 11 #18-113, Buga AA 85,
Valle, COLOMBIA;
PH: 57/931-72021; FAX: 57/931-74618;
TLX: 0-05866.
CONTACT: Alberto Hadad Lemos, Pres.
PLANT SUPERINTENDENT: Francisco Cela R.
Solvent extraction; crush cap. 260MT/day; storage cap. 27,000MT; meal; served by truck. Refining cap. 100MT/day; storage cap. 1,200MT; edible soy oil products; served by truck. LECITINA lecithin (edible grade); CARNAVIT simulated meat products (analogs). Lecithin (industrial grade); ADHESOYA soy flour/soy protein (industrial grade).

Grasas Vegetales S.A. (GRAVETAL) *C R SF IP*
Cra. 28, No. 37-79, Apartado Aereo 80617,
Sabaneka, Antioquia, COLOMBIA;
PH: 57/4/288-0711; FAX: 57/4/288-2008;
TLX: 66797 (GVTAL CO).
CONTACT: Carlos A. Jeramillo, Plant Mgr.
PLANT SUPERINTENDENT: Carlos A. Jeramillo
Solvent extraction; crush cap. 300MT/day; storage cap. 4,000MT; meal; served by rail and truck. Refining cap. 140MT/day; storage cap. 2,000MT; crude degummed soybean oil, edible soy oil products, fractionated soy oil, hydrogenated soy oil, refined soybean oil; served by truck and rail. Lecithin (edible grade); soy oil products, cooking/salad oil; margarine; shortening. Lecithin (industrial grade); soy oil (industrial grade); soybean fatty acids.

Lloreda Grasas S.A. ★ *R SF*
Lloreda Grasas S.A., Apartado Aereo No. 1288, AA1288 Cali, COLOMBIA;
PH: 57/645043; FAX: 57/647386;
TLX: 055711 (LLOGR CO).
OTHER OFFICES: Barranquilla, COLUMBIA
CONTACT: Hugo P. Romero, Comm. Mgr.

COSTA RICA

E. Chamorro Industrial S.A.
P.O. Box 553-1002, San Jose, COSTA RICA;
OTHER OFFICES: Granada, NICARAGUA; Miami, FL

Compania Numar S.A. *SF*
Av. 12, C20-24, Apartado 3657,
San Jose 1000, COSTA RICA;
PH: 239666; TLX: 2185 (NUMAR CR).
CONTACT: John O. Knohr, Gen. Mgr.
Soy oil products, CLOVER cooking/salad oil (1 liter, PVC containers); NUMAR margarine (125 grs. bars); salad dressing (mayonnaise); soyfoods, other soy-based foods, sandwich spreads (4, 8, 16 and 32 oz. glass jars).
CONTACT: Saverio A. Carriero.

CYPRUS

Ambrosia Oils (1976) Ltd. ★ *R SF IP*
Larnaca Industrial Estate, P.O. Box 433,
Larnaca, CYPRUS;
PH: 357/4/637470; FAX: 357/4/636210;
TLX: 2521 (AMBROSIA CY).
CONTACT: Michael Evangelides, Dir.
PLANT SUPERINTENDENT: Demetris Miskourides
Refining cap. 200MT/day; storage cap. 12,000MT; edible soy oil products, industrial oil products, refined soybean oil; served by truck. Soy oil products, AMBROSIA cooking/salad oil. Soy oil (industrial grade), alkali refined for the production of alkali resins.

DENMARK

Aarhus Oliefabrik A/S *R SF*
M.P. Bruunsgade 27, P.O. Box 50, 8100
Aarhus C, DENMARK;
PH: 45/86/126000.
CONTACT: Nis Petersen, Deputy Dir. or Per Skovmand, Sales & Mkting. Mgr., Protein Div.
Refining cap. 50MT/day; storage cap. 500MT; edible soy oil products, refined soybean oil; served by ship and truck.
CONTACT: Nis Petersen, Deputy Dir.
Lecithin (edible grade); DANPROFIBER soy fiber; DANTEX textured soy flour; soy grits; danpro, danprotexsoy protein concentrates.
CONTACT: Per Skovmand, Sales & Mkting. Mgr., Protein Div.

Cimbria Unigrain Ltd. A/S ★
Cimbria House, P.O. Box 40,
Thisted 7700, DENMARK;
PH: 97/922211; FAX: 97/924411;
TLX: 66684 (ASCIM DK).
OTHER OFFICES: Malmö, SWEDEN (Svenska Cimbria AB); Sollentuna, SWEDEN (Svenska Cimbria AB); York, ENGLAND (Cimbria [UK] Ltd.); Kinsale, Cork, IRELAND (Cimbria Ireland); Oldenburg, GERMANY (Cimbria Saat); Askin, NORWAY (Norske Cimbria); Nairobi, KENYA (Cimbria East Africa Ltd); Kuala Lumput, MALAYSIA.
CONTACT: Svem A.T. Olesen, Mkting. Mgr.

Skandinavisk Levnedsmiddel Rådgivning A/S ★
Teglbakken 30,
Arhus/Højbjerg DK-8270, DENMARK;
PH: 45/86/277630; FAX: 45/86/277633.
CONTACT: Poul Agger, Man. Dir.
IMPORTER: NATURLI soya drink, plain and cacao.

DOMINICAN REPUBLIC

Industrials Lavador, C. Por A. *C R SF*
Av. San Martin 122, P.O. Box 761,
Santo Domingo, DOMINICAN REPUBLIC;
PH: 809/567-5725 or 565-2136;
FAX: 809/566-8544.
CONTACT: Mario J. Cabrera, Vice Pres.
PLANT SUPERINTENDENT: Jose Brea
Continuous screw press; solvent extraction; storage cap. 15,000MT; animal/livestock feed,crude degummed soybean oil, hulls, meal; served by barge, ship and truck. Refining cap. 80MT/day; storage cap. 3,000MT; edible soy oil products, refined soybean oil; served by truck. Soy oil products, AMAPOLA margarine.

Productora Nacional de Alimentos Balanceados S.A. *C R SF*
Av. San Martin 124, P.O. Box 1383,
Santo Domingo, DOMINICAN REPUBLIC;
PH: 809/567-5725 or 565-2136;
FAX: 809/566-8544.
CONTACT: Mario J. Cabrera, Pres.
PLANT SUPERINTENDENT: Enrique Rodriguez
Continuous screw press; solvent extraction; storage cap. 15,000MT; animal/livestock feed,crude degummed soybean oil, hulls, meal; served by barge, ship and truck. Refining cap. 110MT/day; storage cap. 12,000MT; edible soy oil products, hydrogenated soy oil; refined soybean oil; served by truck, barge and ship. Soy oil products, cooking/salad oil; margarine; shortening.

ECUADOR

Fabrica de Aceites la Favorita S. A. *C R SF IP*
P. O. Box 486, Guayaquil, ECUADOR;
PH: 593/4/402840; FAX: 593/4/444453;
TLX: 043174 (JARITA ED).
CONTACT: Xavier Vallarino, Pres.
Solvent extraction; crush cap. 200MT/day; crude degummed soybean oil, meal; served by ship and truck. Refining cap. 150MT/day; storage cap. 5,000MT; edible soy oil products, fractionated soy oil, hydrogenated soy oil, industrial oil products, refined soybean oil; served by ship and truck. Soy oil products, LA FAVORITA cooking/salad oil; BONELLA, DORINA margarine; PORKY shortening. Soy oil (industrial grade).

Industrias Ales C.A. ★ *C R SF*
Av. 10 de Agosto 8919, P. O. Box 17-04-10338, Quito, ECUADOR;
PH: 593/2/402-600; TLX: 2859 (ALESCA ED);
FAX: 5932/408/344.
OTHER OFFICES: Manta (mfg.)
CONTACT: Patricio Alvarez D., Gen. Mgr.
PLANT SUPERINTENDENT: Carlos Reyes
Solvent extraction; crush cap. 200MT/day; storage cap. 15,000MT; crude degummed soybean oil, hulls, meal; served by ship and truck. Refining cap. 100MT/day; storage cap. 10,000MT; edible soy oil products, hydrogenated soy oil, refined soybean oil; served by ship and truck. Soybean oil products, cooking/salad oil; margarine; shortening.

Oleica S.A. ★ *C R SF*
6 1/2, Via a Daule, P.O. Box 3228,
Guayaquil, ECUADOR;
PH: 593/4-256300 ; FAX: 593/4/245664;
TLX: 3214 (OLIACE ED).
CONTACT: Luis Piana, Mgr.

Solvent extraction; crush cap. 200MT/day; storage cap. 12,000MT; animal/livestock feed, crude soybean oil; served by truck. Refining cap. 150MT/day; storage cap. 9,000MT; edible soy oil products, fractionated soy oil, hydrogenated soy oil, refined soybean oil; served by truck. Soy oil products, cooking/salad oil; margarine; salad dressing; shortening.

Primeros Hidrogenadores de Aceites y Grasas Ecuatorianos S.A. *C R SF*
Km. 16.5 Via Daule, P.O. Box 6387,
Guayaquil, Guayas, ECUADOR;
PH: 593/4/251555; FAX: 593/4/25-2814;
TLX :3506.
CONTACT: Gilberto Burbano, Gerente Gen.

Solvent extraction; crush cap. 100MT/day; storage cap. 5,000MT; crude degummed soybean oil, meal; served by rail. Refining cap. 120MT/day; storage cap. 10,000MT; crude degummed soybean oil, edible soy oil products, hydrogenated soy oil; served by rail. Soy oil products, UNICA cooking/salad oil; ESPECIAL margarine; UNICA shortening.

EGYPT

The Egyptian National Vegetable Oils Extraction Corp. (ENVOCO) *C R IP*
West Noubariah Canal, El Metrass, Wardian,
P.O. Box 1984, Alexandria 21519, EGYPT;
PH: 03/445-5819 or 446-2910;
FAX: 03/445-3373; TLX: 54214 (MGM UN).
OTHER OFFICES: Cairo, EGYPT
CONTACT: Charles M. Malak, Vice Pres., Production

Solvent extraction; crush cap. 300MT/day; storage cap. 24,000MT; hulls, meal; served by truck and barge. Refining cap. 80MT/day; storage cap. 5,000MT; edible soy oil products, refined soybean oil; served by truck and barge. Soy oil products, DAHAB, SHOROUK, SHEREEN, SIHHA cooking/salad oil.

Mobarak & Company *C R*
Gesr El-Girgawiya El-Gharbi Street,
P.O. Box 23, Sohag, EGYPT;
PH: 02/093-322116 or 323118;
TLX: 24201 (MOBRK UN).
CONTACT: Bahaa Mobarak

Hydraulic press; crush cap. 100MT/day; storage cap. 10,000MT; meal; served by truck. Refining cap. 18MT/day; storage cap. 600MT; crude soybean oil, crude degummed soybean oil, hydrogenated soy oil; served by truck.

ENGLAND

A.D.M. Erith Ltd. ★ *C R SF*
Affiliate of Archer Daniels Midland Company
Church Manorway, Erith ,
Kent DA8 1DL, ENGLAND;
PH: 31/10/4570-312; FAX: 31/10/4570-315 or 4331-265; TLX: 25282 (ADM EU).
OTHER OFFICES: Little Rock, AK; Augusta, Valdosta, GA; Des Moines, IA; Frankfort, IN; Champaign, Decatur, Galesburg, Granite City, Taylorville, IL; Fredonia, KS; Mankato, MN; N. Kansas City, Mexico, MO; Clarksdale, MS; Fremont, Lincoln, NE; Fostoria, OH; Kershaw, SC; Windsor, Ontario, CANADA (ADM Agri-Industries, Ltd. d/b/a/ Maple Leaf Monarch); Spyck, GERMANY (ADM Oelmuehlen GmbH); Europoort, NETHERLANDS (A.D.M. Europoort).
CONTACT: Allen Andreas, European Mgr.

Solvent extraction; meal. edible soy oil products. Lecithin (edible grade); soy oil products, cooking/salad oil.

BEOCO Limited ★ *R*
Regent Road, Bootle, P.O. Box 26, Merseyside,
Liverpool L20 1EH, ENGLAND;
PH: 051/922-7272; FAX: 051/933-4165;
TLX: 629339 (EDOILS G).
CONTACT: Mark Bennett, Comm. Dir.

Hydrogenated soy oil, refined soybean oil; served by truck and ship.

Berrydales Ltd. ★ *SF*
Berrydale House, 5 Lawn Road,
London NW3 2XS, ENGLAND;
PH: 44/71/722-2866; FAX: 44/71/722-7685;
TLX: 264671 (MALMUS).
CONTACT: Michelle Berriedale-Johnson, Dir.

Soyfoods. BERRYDALES fresh, organic tofu and soymilk frozen desserts.

BOCM Silcock Ltd. *C R IP*
Basing View, Basingstoke RG21 2EQ,
Hampshire, ENGLAND;
PH: 44/02/562-9211; TLX: 858429 (BSHO G).
OTHER OFFICES: Selby, Yorkshire (mfg.)
CONTACT: David Lewin, Gen. Mgr.

Solvent extraction; crush cap. 400MT/day; storage cap. 2,000MT; animal/livestock feed, crude soybean oil, meal; served by barge, rail and truck. Refining cap. 70MT/day; storage cap. 1,000MT; industrial oil products, once refined soybean oil; served by truck, rail and barge. SUPERSOY soy protein (industrial grade) as animal feed ingredient; soy oil (industrial grade) for resin manufacture.

The British Arkady Company Ltd. ★ *SF*
Affiliate of Archer Daniels Midland (ADM)
Skerton Road, Old Trafford,
Manchester M16 0NJ, ENGLAND;
PH: 44/61/872-7161; FAX: 44/61/873-8083;
TLX: 668488.
CONTACT: Ronald M. Kirk, Sales Dir.
PLANT SUPERINTENDENT: Christopher Huscroft

ARDEX isolated soy proteins; YELKIN lecithin (edible grade); simulated meat products (analogs), soy fiber; ARKASOY soy flour; HISOY DOSOY full fat soy flour; TVP textured soy flour; soy grits; ARCON soy protein concentrates; textured vegetable protein; soyfoods, other soy-based foods vegetarian foods, bakery ingredients.

Cargill UK Ltd. *C R*
No. 2 Gladstone Deck, Bootle, L201BG
Liverpool, Merseyside, ENGLAND;
PH: 44/51/933-0624.
CONTACT: Terry Savidge

Solvent extraction; crush cap. 2,400MT/day; crude degummed soybean oil, crude soybean oil, hulls, meal; served by truck. Refining cap. 360MT/day; refined soybean oil; served by truck.

Cauldron Foods Ltd. *SF*
Affiliate of Hero-Rayners & Company Ltd.
149 South Liberty Lane, Ashton Vale, T/Est.,
Bristol BS3 2TL, ENGLAND;
PH: 44/272/632835; FAX: 44/272/231427.
CONTACT: P. Marshall, Operations Mgr.

Soyfoods, frozen desserts; tofu & tofu products, original, smoked and marinated tofu; other soy-based foods, tofuloni; tofu burgers/grills; tofu frozen meals.

Cherwell Valley Silos Ltd. ★ *C IP*
Twyford, Banbury 0X17 3AA,
Oxfordshire, ENGLAND;
PH: 044/0295-811441; FAX: 0295/811228;
TLX: 83477 (CVS BAN).
CONTACT: James Hoy, Sales Mgr.

SOYJOY MAXIM soy flour/soy protein (industrial grade), full fat for animal feed. Supplier of soybeans for food use; **EXPORTER**: SOYJOY and SOYJOY MAXIM full fat soybean meal.

Full of Beans *SF*
The Old Bottling Store, Castle Ditch Lane,
Lewes, East Sussex, ENGLAND;
PH:: 44/0273/472627.
CONTACT: John G. Gosling, Man. Dir.

Soyfoods, frozen desserts; miso, soybean and rice; tamari, shoyu soy sauces; tempeh; tofu; other soy-based foods, soya paté.

CONTACT: Sara Gosling.

GMB Proteins ★ *SF*
Division of Bush Boake Allen Ltd.
Colchester Road, Witham,
Essex CM8 3BT, ENGLAND;
PH: 44/0376-515140; FAX: 44/0376-511628.
CONTACT: Geoffrey F. Titchener, Tech. Sales

BONTRAE simulated meat products (analogs—meat-flavored steam-textured soy proteins); BONTRAE textured soy flour (steam-textured soy proteins).

Haldane Foods Ltd. *SF*
Hayhill Industrial Estate, Unit 25, Sileby Road,
Barrow upon Soar,
Leicestershire LE12 8LD, ENGLAND;
PH: 050/981/6611; TLX: 342709 (HERAVN).
CONTACT: Brian Wellsby

Soyfoods, SOJAL frozen desserts; SOJAL soymilk; TOFEATA tofu; other soy-based foods, HERA meat alternatives (freeze-dried); TOFEATA tofu burgers; YOGA soy-based yogurt; HERA soup mixes.

Lucas Ingredients Ltd. *SF*
Affiliate of Dalgety PLC
Moravian Road, Kingswood,
Bristol BS15 2NG, Avon, ENGLAND;
PH: 44/0272/674681;
FAX: 44/0272/605409; TLX: 449825.
CONTACT: Paul Potter, Export Mgr.

Simulated meat products (analogs); soy grits; NEWPRO soy protein concentrates; SOLUS textured soy protein; soyfoods, other soy-based foods, special mixes for the baking & meat industry; all vegetable food items. **EXPORTER**: NEWPRO soya concentrate; SOLUS textured soya protein.

Lucas Meyer (UK) Ltd. *C R SF IP*
Affiliate of Lucas Meyer GmbH & Co., Hamburg
42 City Road, Chester CH1 3AE, ENGLAND;
PH: 44/244/48447; FAX: 44/244-46988;
TLX: 051/1/61616 (LMUKL G).
OTHER OFFICES: Campinas, BRAZIL; Oudenaarde, BELGIUM; Le Blanc Mesnil, Cedex, FRANCE; Hamburg, FEDERAL REPUBLIC OF GERMANY; Vigonza, ITALY; Zaandaul, NETHERLANDS; Barcelona, SPAIN; Decatur, IL.
CONTACT: Mike Preston, Man. Dir.

Animal/livestock feed. Edible soy oil products; industrial oil products. SOYAMIN 90 isolated soy protein; TOPCITHIN, M-C-THIN, EMULFLUID, METARIN, EMULPUR, EMULGUM, LECIMULTHIN, EMULTHIN, EPICHOLIN, and EPIKURON lecithins (edible grade); SOVITAL soy bran; NURAFLAKES full fat soy flakes; SOYAMIN 50 soy flour; SOYAPAN and NURUPAN full fat soy flours; NURUGRAN full fat soy grits; SOYOCO full fat soy kernels;

NURULAT full fat soy powder; VEGAFOOM soy protein (whipping); TEXTRATEIN textured soy protein; SOYAMIN 70 soy protein concentrates. LIPOTIN and LIPOWET lecithin (industrial grade) for paints, varnishes, leather, magnetic tapes, coatings, inks and cosmetics; EMULMETIK modified soya phospholipids.

Matthews Foods PLC *SF*

The Healey Complex, Healey Road, Osset,
West Yorkshire WF5 8 NE, ENGLAND;
PH: 44/0924/272534; FAX: 44/0924/277071; TLX: 55483 (MATGRP).
CONTACT: Alan West, Trading Dir.
PLANT SUPERINTENDENT: John Whitehurst
Soy oil products, St. LUKE'S margarine; PARK LANE shortening.

NKS Eurotrade (UK) Ltd. ★

1 Regent Street, London SW1Y 4NR, ENGLAND;
PH: 44/1/930-7651;
TLX: 8813508 (NKSLDN G).
CONTACT: L. G. Wyatt, Group Trading Mgr.
Broker, cash/product; **EXPORTER**: Soybeans, soybean meal; **IMPORTER**: Soybean meal.

Procter & Gamble Ltd. *SF IP*

Affiliate of Procter & Gamble Inc.
Hayesgate House, Uxbridge Road, P.O. Box 9,
Hayes UB4 OSD, Middlesex, ENGLAND;
PH: 01/848-9871; FAX: 01/848-9871;
TLX: 936310.
CONTACT: Murray King, Sales Mgr.
Soy oil products, cooking/salad oil; shortening. Soybean fatty acids.
CONTACT: Alan Brunskill.

Protein Technologies International ★★ *SF IP*

Subsidiary of Ralston Purina
16A Princewood Road, Earlstrees Industrial Estate, Corby, Northants, ENGLAND;
PH: 44.536.67325; FAX: 44.536.61147;
TLX: 851/342546.
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

SPP Cambridge ★★ *SF*

Affiliate of Dalgety PLC
Station Road, Cambridge CB1 2JN, ENGLAND;
PH: 44/223/460666; FAX: 44/223/352012.
CONTACT: Roger Woodfield, Mkting Dir.
Soy oil products, soy fiber (toasted soya bran); soy flour (defatted soya flour); full fat soy flour (trusoy-heat treated bredsoy enzyme active); soy grits (trugran & soygran, full fat kibbled soya). **EXPORTER**: Soy bran, soy flour (full fat & defatted), kibbled soy.

Van Den Berghs & Jurgens Ltd. *C R SF*

Affiliate of Unilever Ltd.
Sussex House, Burgess Hill,, Civic Way, West Sussex RH15 9AW, ENGLAND;
PH: 044/46300.
OTHER OFFICES: Bromborough, Purfleet (mfg.)
CONTACT: B. P. Backlog, Oils & Fats Mgr.
served by barge, rail, ship and truck. Edible soy oil products, refined soybean oil, hydrogenated soy oil. Soy oil products, cooking/salad oil; margarine; shortening.

FINLAND

Oljynpuristamo Oy *C SF IP*

Niittaajankatu 1, P.O. Box 15,
Helsinki SF-00811, FINLAND;
PH: 358/0/780-155; FAX: 358/0/755-6441;
TLX: 121518 (OILML SF).
CONTACT: Pentti Karri, Mkting. Dir.
Continuous screw press, solvent extraction; crush cap. 500MT/day; storage cap. 10,000MT; crude degummed (super) soybean oil, crude soybean oil, meal; served by barge, rail, ship and truck. Lecithin (edible grade), ÖPEX soy flour (bulk and bags); full fat soy grits (toasted); soy oil products, cooking/salad oil (cans, plastics, tins). Lecithin (industrial grade) for paints, etc.

Raision Tehtaat Oy Ab ★ *C R SF IP*

P.O. Box 101, Raisio SF-21201, FINLAND;
PH: 358/21/792-111; FAX: 358/21/792315;
TLX: 62236 (RATE SF).
CONTACT: Henry Sundstrom, Plant Mgr.
PLANT SUPERINTENDENT: Henry Sundstrom
Continuous screw press, solvent extraction; crush cap. 500MT/day; storage cap. 8000MT; animal/livestock feed, crude degummed soybean oil, meal; served by rail, ship and truck. Refining cap. 170 MT/day; crude degummed soybean oil, hydrogenated soy oil, industrial oil products, refined soybean oil; served by rail, ship and truck.
CONTACT: Olli Siika-aho.
Soy oil products, cooking/salad oil; margarine; salad dressing; shortening.
CONTACT: Folke Gustafsson.
Soy oil (industrial grade); soybean fatty acids.
CONTACT: Jan-Erik Johansson.

Tuottajain Rypsi Oy *C*

Mikkolantie 1, P.O. Box 1,
Helsinki 00641, FINLAND;
PH: 358/0/7291; FAX: 358/0/729-2612;
TLX: 124660 (HJAHE SF).
OTHER OFFICES: Kouvola, FINLAND (mfg.)
CONTACT: Erkki Franssila, Man. Dir.
Continuous screw press; crush cap. 150MT/day; storage cap. 100MT; animal/livestock feed, crude soybean oil; served by truck.

FRANCE

ALIDOC *SF*

Affiliate of Cooperative Occitane
Z. I. Rue Denis Papin, Saint Antoine, Saint-Juery 81160, FRANCE;
PH: 63/453155; FAX: 63/452515.
TLX: 531051 (COOCITA).
CONTACT: Yvon Matha
Full fat soy flour.

Cargill Soya France *C*

Affiliate of Cargill, Inc.
Blvd. Paul Leferme,
St. Nazaire 44600, FRANCE;
PH: 33/40/665266.
CONTACT: Pouwel Brouwer, Acct. Mgr.
Solvent extraction; crush cap. 1,300MT/day; crude soybean oil, meal; served by barge, rail, ship and truck.

Central Soya (France) S.A.

9-11 Arago, B.P. 106, Trappes 78191,
Cedex, FRANCE;
PH: 33/1/305-01327; FAX: 33/1/306-61384.
CONTACT: M. H. Neirynck, Country Mgr.
IMPORTER: Soybean meal.

Cherwell Ralli Europe *IP*

Affiliate of Cherwell Valley Silos, U.K.
Z.I. Rouxmesnil-Bouteilles, P.O. Box 147,
Dieppe 76204, FRANCE;
PH: 33/35/82-7285; FAX: 33/35/84-3048;
TLX: 180655 (CHERLI D).
SOYJOY full fat soy flour (for cattle feed).

Compagnie Cargill S.A.

Affiliate of Cargill, Inc. Minneapolis, MN
MAIN OFFICE: 18-20 Rue des Gaudines, St. Germain en Laye 78100, FRANCE;
PH: 33/1/3973-6611;
TLX: 696828 (GRANA F).
OTHER OFFICES: Brest, St. Nazaire (mfg.)
CONTACT: J. L. Lapix, Gen. Mgr.

Compagnie Cargill S.A. *C*

Blvd. Leferme, St. Nazaire 4460, FRANCE;
PH: 33/40/665266.
TLX: 700941 (SOJA FRAN).
CONTACT: Juan Recasens, Dpty. Acct. Mgr.
Solvent extraction; crush cap. 1,600MT/day; storage cap. 60,000MT; crude degummed soybean oil, hulls, meal; served by rail, truck and ship.

Compagnie Cargill S.A. *C*

Rue de Yokosuka, Brest 29200, FRANCE;
PH: 33/9880-2609; TLX: 940238 (SF BREST).
CONTACT: Juan Recasens, Dpty. Acct. Mgr.
Solvent extraction; crush cap. 1,800MT/day; storage cap. 35,000MT; crude degummed soybean oil, meal; served by rail, ship and truck.

Cooperative des Agriculteurs de Bretagne (COOPACRI-BRETAGNE) ★★

Lanrinou - B.P. 100,
29206 Landerneau, FRANCE;
PH: 98-253000; FAX: 98-253298.
CONTACT: J. Bernard Solliec, Dir.
PLANT SUPERINTENDENT: J. Bernard Solliec
IMPORTER: Soya 48, Soya 50

Hascoët S.A.

Affiliate of Sopaco S.A.
Kerudu, P.O. Box 37,
29470 Plougastel-Daoulas, FRANCE;
PH: 33/98/37.38.39; FAX: 33/98/37.38.10;
TWX: 940639 (HASCOCK).
CONTACT: J. C. LeGall, Dir. or J. Hascoit, Dir.
Broker, cash/product.

LIMA France *SF*

Affiliate of LIMA Belgium
Le Moulin d'Andiran, Mezin 47170, FRANCE;
PH: 33/6171/22046; TLX: 541137.
CONTACT: Mr. Stevens, Sales Mgr.
Soyfoods, miso.

Lucas Meyer France S.A. *C R SF IP*

Affiliate of Lucas Meyer GmbH & Co., Hamburg
Centre d' Affaires Paris Nord le Continental, F-93153 Le Blanc Mesnil, Cedex, FRANCE;
PH: 0033/1/44591-2300; FAX: 0033/1/4591-19030; TLX: 233966 (MEYER FR).
OTHER OFFICES: Oudenaarde, BELGIUM; Campinas, BRAZIL; Chester, ENGLAND; Hamburg, FEDERAL REPUBLIC OF GERMANY; Vigonza, ITALY; Zaandeul, NETHERLANDS; Barcelona, SPAIN; Decatur, IL
CONTACT: Pierre Lebourd, Man. Dir.
Animal/livestock feed. Edible soy oil products; industrial oil products. SOYAMIN 90 isolated soy protein; TOPCITHIN, M-C-THIN, EMULFLUID, METARIN, EMULPUR, EMULGUM, LECIMULTHIN, EMULTHIN, EPICHOLIN, and EPIKURON lecithins (edible grade); SOVITAL soy bran; NURAFLAKES full fat soy flakes; SOYAMIN 50 soy flour; SOYAPAN and NURUPAN full fat soy flours; NURUGRAN full fat soy grits; SOYOCO full fat soy kernels; NURULAT full fat soy powder; VEGAFOOM soy protein (whipping); TEXTRATEIN textured soy protein; SOYAMIN 70 soy protein concentrates. LIPOTIN and LIPOWET lecithin (industrial grade) for paints, varnishes, leather, magnetic tapes, coatings, inks and cosmetics; EMULMETIK modified soya phospholipids.

MAHO Distribution ★ *SF*
18 Square Les Oliviers,
Coudoux 13.111, FRANCE;
PH: 42/52-0998; FAX: 42/52-0944.
CONTACT: Pierre Maitre, Gen. Mgr.
Soyfoods, other soy-based foods, TOFU 'KISS.

Profat Courtage
7 Avenue de Château du Loir,
Courbevoie 92 400, FRANCE;
PH: 33/1-47-888877; FAX: 33/1-47-899955;
TLX: 610675 (PROFATN).
CONTACT: Bernard Chive, Mgr.
Broker, cash/product.

Protein Technologies International, Inc. ★★ *SF IP*
Subsidiary of Ralston Purina
1, Place Charles de Gaulle-B.P. 275,
Montigny-le-Bretonneux, 78053 St. Quentin en Yvelines Cedex, FRANCE;
PH: 33/1.30.57.55.15; FAX: 33/1.30.57.54.94; TLX: 842/689/816/ PTIFRAN.
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants. UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

Robbe ★★ *R*
Venette, P.O. Box 206,
Compiegne 60206, FRANCE;
PH: 33/44/907000; FAX: 33/44/907070.
CONTACT: Mr. M. Renvoise
Industrial oil products.

SERCOM S.A.
6 Avenue Charles De Gaulle,
Le Chesnay 78150 , FRANCE;
PH: 39/546100; FAX: 39/633478;
TLX: 697164 (SERCOM).
CONTACT: Jonathan Wright, Mgr.
Broker, cash/product.

Societe Industrielle des Oleagineux (SIO) ★ *R SF IP*
Affiliate of British Arkady (A.D.M. Group)
62/70 Rue Ivan Tourgueneff,
Bougival 78380, FRANCE;
PH: 1/39/69-7070; TLX: 689413 (SOLEAG).
OTHER OFFICES: Saint-Laurent-Blangy, FRANCE (mfg.)
CONTACT: J.M. Saint Girons, Dir.
Edible soy oil products, hydrogenated soy oil, refined soybean oil; served by truck.
CONTACT: Philippe Courbé
ARDEX isolated soy proteins; YELKIN lecithin (edible grade); soy fiber; PROTISOYA soy flour; PERSOYA full fat soy flour; TVP-1 textured soy flour; DYNASOYA soy grits; soy oil products, shortening; TVP-2 soy protein concentrates; soyfoods, other soy-based foods, BOULANGE (soya bread mix). Lecithin (industrial grade); SOYOPTIM soy flour/soy protein (industrial grade).
CONTACT: J.M. Saint Girons

Societe Industrielle des Oleagineux (SIO) *C R SF IP*
10-12 Rue du General de Gaulle,
Saint-Laurent-Blangy 62223, FRANCE;
PH: 2159-9800; TLX: 820580 (SIO).
CONTACT: Guy Deneck
animal/livestock feed, hulls, meal; served by barge, rail and truck. Hydrogenated soy oil, refined soybean oil; served by truck, rail and barge. Lecithin (edible grade); simulated meat products (analogs); soy flour; soy grits; soy oil products, shortening; other soy-based foods, bread mix. Lecithin (industrial grade); soy flour/soy protein (industrial grade); soy oil (industrial grade).

Societe Mediterraneene pour les Echanges et les Realisations Commerciales (SOMERCOM)
16, Place du Havre, 75009 Paris, FRANCE;
PH: 33/14/874-6505 or 874-6559; FAX: 33/14/281-2005; TLX: 642142 (SOMETRA F).
CONTACT: Raoul Gamon, Gerant
Broker, cash/product.

Société Soy *SF*
1, Rue du Crêt de la Perdrix, St. Chamond 42400, FRANCE;
PH: 33/16/7731-2366;
FAX: 33/16/7731-4270; TLX: 307072.
CONTACT: Jean de Prêneuf
Soyfoods, CROQUE tofu.

Sogip ★★ *SF*
73-77, rue de Sevres, BP 72, Boulogne Billancourt, Cedex, 92105 FRANCE;
PH: 33/1/46.04.59.59;
FAX: 33/1/48.25.07.54.
OTHER OFFICES: Bassens, Glornde (33), FRANCE
CONTACT: Mr. Henri de Kerchove, GM
Simulated meat products (analogs) sogitex E Prototex E; Soy oil products, soy flour (SOGIFAR SOGIFLOR), textured soy flour (SOGITEX), textured soy flour (SOGITEX), soy grits (SOGIFLOR G), soy protein concentrates (PROVITEL PROTOS SOGIPRO, PROTOSOL, PROTOTEX).

Soja Innovation Alimentaire (SOJINAL) ★ *C SF*
8 Route de Merxheim, Issenheim 68500, FRANCE;
PH: 33/89/74-5353; FAX: 33/89/76-6280;
TLX: 881-719 (BISOJA).
CONTACT: Hervé Chartron, Sales Mgr.
Crush cap. 2,000MT/day; hulls. Soy fiber; soy oil products, FORMOSA-LINES salad dressing; ultra-filtered soy protein concentrates; soyfoods, soymilk, drinks or beverages; soy sauce; tofu & tofu products; soynuts (whole soybean snacks); other soy-based foods, SOY-NILCU chocolate soy ice.

Sopropêche ★★ *SF*
Affiliate of EUROPRO
Boite Postale 275,
62204 Boulogne Sur Mer, FRANCE;
PH: 21.32.27.27; TLX: 110-900 SOPRO;
FAX: 21.32.28.28.
OTHER OFFICES: Sopropeche Iberica Barcelone, SPAIN; Sopropeche Canada, Ancaster, CANADA
CONTACT: Olivier Derome, Mgr.
PLANT SUPERINTENDENT: Pierre Yves Avot
Soy flour; soy grits; soy protein concentrates (Estrilvo 70).
CONTACT: Olivier Derome, Mgr.
EXPORTER: Soy concentrates.

Vamo Mills S.A. ★★ *C*
Quai J. Darse 2, B.P. 423,
34204 Sète Cédex, FRANCE;
PH: 33/67.46.72.00; FAX: 33/67.48.80.62;
TLX: 480343 VAMOMIL.
CONTACT: Mr. Ph. Somers
Solvent extraction, crush cap. 1.500 MT/day; storage cap. 35,000 MT; crude degummed soybean oil, meal; served by rail, ship, barge and truck.

GERMANY

A.D.M. Oelmuehlen GmbH ★ *C*
Affiliate of Archer Daniels Midland Company
Oelwerke Spyck, D-4190 Spyck Post Kleve,
Postfach 128, Spyck, GERMANY;
PH: 49/28/21-9041; FAX: 49/28/21-9046;
TLX: 811817 (SPYCK D).
OTHER OFFICES: Little Rock, AK; Augusta, Valdosta, GA; Des Moines, IA; Frankfort, IN; Champaign, Decatur, Galesburg, Granite City, Taylorville, IL; Fredonia, KS; Mankato, MN; N. Kansas City, Mexico, MO; Clarksdale, MS; Fremont, Lincoln, NE; Fostoria, OH; Kershaw, SC; Windsor, Ontario, CANADA (ADM Agri-Industries, Ltd. d/b/a/ Maple Leaf Monarch); Rotterdam, NETHERLANDS (A.D.M. Company Europe); Europoort, NETHERLANDS (A.D.M. Europoort).
CONTACT: Hank Kant, Mgr.
Solvent extraction; crude soybean oil, meal; served by barge.

A.D.M. Oelwerke Spyck *C*
Affiliate of Archer Daniels Midland Co.
Post Kleve, Postfach 2080,
D-4190 Kleve, GERMANY;
PH: 49/2821-995150; FAX: 49/2821-995150.
CONTACT: Hoe Nefzger, Plant Mgr.
PLANT SUPERINTENDENT: Hoe Nefzger
Solvent extraction; crude degummed soybean oil, crude soybean oil, meal; served by truck and barge.

Akzo Chemicals *R SF IP*
Industriestrasse 10, P.O. Box 1520,
D-4240 Emmerich/Rhein, GERMANY;
PH: 49/02822-74341; FAX: 49/02822-74203;
TLX: 8125212 (NVL D).
CONTACT: F. Kielman, Sales Mgr.
Edible soy oil products, refined soybean oil; served by truck, rail and barge. Soy oil products, cooking/salad oil; salad dressing. Soy oil (industrial grade), soy standoils, blown and boiled soy oils for resins, paints and varnishes; soy sterols & tocopherols; soybean fatty acids.

Georg Breuer GmbH Food Agency ★ *SF*
Talstrasse 19, D-6242 Kronberg, GERMANY;
PH: 49/6173/79706; FAX: 49/6173/2243.
CONTACT: Georg Breuer, Owner
Simulated meat products (analogs); soy fiber; soy flour; full fat soy flour; textured soy flour; soy grits; soy protein concentrates; soyfoods, other soy-based foods, special mixes for the baking & meat industries; all vegetable food items.

Brökelmann & Company, Oelmühle GmbH & Company ★ *C R*
Speicherstr. 14-16, Postfach 12 91, D-4700 Hamm 1, GERMANY;
PH: 49/2381/9490; FAX: 49/2381/949146;
TLX: 828843 (BUC D).
CONTACT: Dieter Geissler, Prokurist
PLANT SUPERINTENDENT: Manfred Knuth
Solvent extraction; crush cap. 600MT/day; storage cap. 35,000MT; animal/livestock feed, crude degummed soybean oil; served by barge, rail, ship and truck. Refining cap. 250MT/day; storage cap. 3,000MT; refined soybean oil; served by barge, rail, ship and truck.

Cereol Deutschland GmbH ★ *C R SF IP*

Affiliate of Cereol Brussels
Postfach 10 06 54,
Mannheim 6800, GERMANY;
PH: 0621/3704-221; FAX: 0621/3704-102.
CONTACT: Evert G. van Korlaar, Gen. Mgr.
Solvent extraction; crush cap. 3,700MT/day; storage cap. 18,000MT; animal/livestock feed, crude degummed soybean oil, hulls, meal; served by barge, rail and truck. Refining cap. 500MT/day; storage cap. 2,000MT; crude degummed soybean oil, edible soy oil products, industrial oil products, refined soybean oil; served by barge, rail and truck. BOLEC lecithin (edible grade). BOLEC lecithin (industrial grade); soy oil (industrial grade); soybean fatty acids.

CONDIMENTA Dr. E. Rendlen GmbH

Klagenfurter Str. 1-3, Postfach 300480,
D-7000 Stuttgart 30, GERMANY;
PH: 49/711/813015; FAX: 49/711/8999226;
TLX: 0725-2248 (GWM D).
CONTACT: Bernd Hasenmaile, Mgr.
IMPORTER: Soy bran, flour, concentrates, isolates and textured soy protein.

Edelsoja GmbH ★ *SF*

Ausschlaeger Elbdeich 62, P.O. Box 26 16 65,
D-2000 Hamburg 26, GERMANY;
PH: 0049/40/789550; FAX: 0049/40/789-8329; TLX: 2163220 (MEYER D).
OTHER OFFICES: Decatur, IL; Chester, ENGLAND; Zaandam, NETHERLANDS; BELGIUM; Vigonza, ITALY; Le Blanc Mesnil, Cedex, FRANCE; Barcelona, SPAIN; Campinas, BRAZIL
CONTACT: Jens Heiser, Man. Dir.
SOYAMIN 90 isolated soy protein; NURUFLAKES soy fiber; NURUPAN, NURULAT soy flour; SOYAPAN full fat soy flour; TEXTRATEIN textured soy flour; NURUGRAN soy grits; SOYAMIN 70 soy protein concentrates; SOYOCO full fat soya kernel; SOVITAL soya bran.
CONTACT: Tilman Graf.

See Our Advertisement P. 1

Fritz Homann Lebensmittelwerke GmbH & Company K.G. ★ *SF*

Bahnhofstraße 4, P.O. Box 1180,
Dissen a.T.W. 4503, GERMANY;
PH: 0/5421/31-1; FAX: 05421-2939;
TLX: 94311 (HOMAD D).
CONTACT: Friedrich Gervelmeyer, Einkaufsleiter
Soy oil products, cooking/salad oil; margarine; salad dressing; shortening.

Interfood Deutschland GmbH ★ *SF*

Affiliate of Interfood Luxembourg S.A.
Louisenstrasse 120, P.O. Box 1751,
Bad Homburg D-6380, GERMANY;
PH: 49/6172/40100; FAX: 49/6172/459057;
TLX: 415840 (FOOD D).
CONTACT: Hans D. Kneer, Man. Dir.
Soyfoods, soymilk, drinks or beverages; soynuts (whole soybean snacks); other soy-based foods, sports nutrition products; all vegetable food items. **IMPORTER**: Isolated soy proteins; soy concentrates; soy flours; soybeans (organic); textured soy proteins.

Lucas Meyer GmbH & Company ★ *C R SF IP*

Ausschlaeger Elbdeich 62, P.O. Box 26 16 65,
D-2000 Hamburg 26, GERMANY;
PH: 49/40/789550; FAX: 49/40/789-8329;
TLX: 2163220 (MEYER D).
OTHER OFFICES: Oudenaarde, BELGIUM; Campinas, BRAZIL; Chester, ENGLAND; Le Blanc Mesnil, Cedex, FRANCE; Vigonza, ITALY; Zaandam, NETHERLANDS; Barcelona, SPAIN; Decatur, IL
CONTACT: Jens Heiser, Man. Dir.
PLANT SUPERINTENDENT: Dr. Georg Knobloch
Animal/livestock feed. Edible soy oil products; industrial oil products. SOYAMIN 90 isolated soy protein; TOPCITHIN, M-C-THIN, EMULFLUID, METARIN, EMULPUR, EMULGUM, LECIMULTHIN, EMULTHIN, EPICHOLIN, EPIKURON lecithins (edible grade);
CONTACT: Tilman Graf.
LIPOTIN and LIPOWET lecithin (industrial grade) for paints, varnishes, leather, magnetic tapes, coatings, inks and cosmetics; EMULMETIK modified soya phospholipids.
CONTACT: Thomas Arnold.

See Our Ad Inside Front Cover

A. Nattermann Phospholipid GmbH ★ *SF IP*

Affiliate of Rhône-Poulenc Rorer
Nattermannallee 1, P.O. Box 35 01 20,
D-5000 Cologne 30, GERMANY;
PH: 47/221/509-2620; FAX: 49/221/509-2816; TLX: 8882663 (drog d).
OTHER OFFICES: Danbury, CT (American Lecithin Co.)
CONTACT: Eduard Hoff
CHOCONUT, NATHIN, NUTHRITHIN, PHOSAL, PHOSPHOLIPON lecithin (edible grade).
CONTACT: Greta Hewel
PHOSAL-lecithin fractions for cosmetics and pharmaceuticals; PHOSPHOLIPON-phospholipids for pharmaceuticals; NATIPIDE-lecithin liposomes for cosmetics and pharmaceuticals.
CONTACT: Eduard Hoff

Noblee & Thoerl GmbH *R SF*

Seehafenstrasse 24, P.O. Box 900752,
D-2100 Hamburg 90, GERMANY;
PH: 49/40/76693-0; FAX: 49/40/7669311-1;
TLX: 217713 (NOBL D).
CONTACT: Rolf Spindler, Purchasing Mgr.
Fractionated soy oil, hydrogenated soy oil, refined soybean oil; served by truck, rail, barge and ship. Soy oil products, cooking/salad oil; shortening. **EXPORTER**: Refined soybean oil, refined & hardened soybean oil; **IMPORTER**: Crude soybean oil.

O. & L. Sels *C R SF IP*

Duesseldorfer Street 99-101, Postfach 101348, D-4040 Neuss/Rhein, GERMANY;
PH: 02101/27990; TLX: 8517835 (SELS D).
CONTACT: Otto Sels, Owner
Continuous screw press, solvent extraction; crush cap. 2,100MT/day; storage cap. 27,000MT; crude degummed soybean oil, crude soybean oil, meal; served by barge, rail, ship and truck.
CONTACT: Gerhard Struenck.
Refining cap. 250MT/day; storage cap. 20,000MT; crude degummed soybean oil, refined soybean oil; served by truck, rail, barge and ship. Soy oil products, cooking/salad oil; salad dressing. Lecithin (industrial grade), soy sterols & tocopherols; soybean fatty acids.
CONTACT: Josef Kerres.

Oelmüehle Hamburg AG ★ *C R*

Kohlbrandstrabe 1, Nippoldstr. 117, P.O. Box 930320, D-2102 Hamburg 93, GERMANY;
PH: 49/040/751-9420; FAX: 49/407/519-4300; TLX: 2163537 (OLAG D).
CONTACT: Arnd V. Wissel, Dir.
PLANT SUPERINTENDENT: Rulf Schneider
Solvent extraction; crush cap. 6,000MT; crude degummed soybean oil, meal; served by barge, rail, ship and truck. Refined soybean oil; served by truck, rail, barge and ship.
CONTACT: Mr. Wegener.

Protein Technologies International, Inc. ★★ *SF IP*

Subsidiary of Ralston Purina Company
Trade Terminal, Max Planck-Strasse 6,
D-6057 Dietzenbach, GERMANY;
PH: 49/6074/44091-93;
FAX: 49/6074/26979.
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokvo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

A. Saumweber GmbH *SF*

Emil-Geis-Strasse 3-7, P.O. Box 701608, 8000 Munchen 70, GERMANY;
PH: 49/89/7232026; FAX: 49/89/7238387;
TLX: 523556 (ASAUM D).
CONTACT: Alexander Szép, Purchasing Mgr.
Soy oil products, cooking/salad oil; margarine; shortening.

Johannes Schuback & Sohne ★★

Handelsgesellschaft m.b.H. & Co., Speersort 8, D-2000 Hamburg 1, GERMANY;
PH: 49/40/302030; FAX: 49/40/30203101;
TLX: 211922 js d.
CONTACT: Mr. John Rhody, Sales Mgr.
Broker, cash/product;

Soya Mainz GmbH & Co. Kommanditgesellschaft ★ *C R SF IP*

Dammweg 2, Mainz D-6500, GERMANY;
PH: 49/06131/8950; FAX: 49/06131/834104; TLX: 4187-761 (SM D).
CONTACT: Dieter Berres
Solvent extraction; crush cap. 2,500MT/day; crude degummed soybean oil, hulls, meal; served by barge, rail and truck. Refining cap. 300MT/day; storage cap. 300MT; crude degummed soybean oil, refined soybean oil; served by barge, rail and truck. Lecithin (edible grade). Lecithin (industrial grade); soy oil (industrial grade); soybean fatty acids.

Stern-Lecithin & Soja Gmbh & Co. KG. ★ *SF IP*

An der Alster 81,
D-2000 Hamburg 1, GERMANY;
PH: 040/248-3001; FAX: 040/280-3427;
TLX: 2162-052 (STAR D).
CONTACT: Jürgen Wörner, Pres.
PLANT SUPERINTENDENT: Peter de Vos
STERNBEST 90 isolated soy proteins; STERNCITHIN, STERNPUR, STERNPHIL, STERNMULS lecithin (edible grade); STERNBRAN soy fiber; STERNPRO 50 soy flour, STERNPAN 40 T-STERNSOY full fat soy flour; soy grits; STERN-PRO 70 soy protein concentrates; soyfoods, STERNNUTS soynuts (whole soybean snacks). STERNCITHIN lecithin (industrial grade). **IMPORTER**: Lecithin.

C. Thywissen GmbH *C R SF*
Industriestrasse 34, P.O. Box 10 14 54,
D-4040 Neuss/Rhein 1, GERMANY;
PH: 49/2101/26041; FAX: 49/2101/25084;
TLX: 8517803 (THYW D).
CONTACT: Matthias Fischer, Gen. Mgr., Soybeans
Solvent extraction; crush cap. 1,00MT/day; storage cap. 25,000MT; crude degummed soybean oil, crude soybean oil, meal; served by barge, rail, ship and truck. Refining cap. 200MT/day; storage cap. 20,000MT; crude degummed soybean oil, edible soy oil products, refined soybean oil; served by truck, rail, barge and ship. Lecithin (edible grade); soy oil products, cooking/salad oil.

Tofukost-Werk TKW GmbH ★ *SF*
Kerkbrede 3, P.O. Box 1919,
D-4720 Beckum, GERMANY;
PH: 49/2520/18081; FAX: 49/2520/15015.
CONTACT: Hermann Berief, Pres.
Soy oil products, salad dressing; soyfoods, soymilk, drinks or beverages; tofu & tofu products.

Vamo Mills N.V. Agency Germany ★★ *SF IP*
Rheinallе 124, 6500 Mainz 1, GERMANY;
PH: 49/61.31.69.93.35;
FAX: 49/61.31.68.07.88;TLX 4187748 jssmd.
CONTACT: Mr. A. Andres
Lecithin (edible grade), 200 kg drums, 1 ton bins & bulk; soy flour (PROVABIS), defatted & debittered and PROBAMIX (debittered), PROVAFLOR (enzyme active full fat soy flour; soy grits, PROVAGRITS, (debittered full fat soyagrits); provasoy soy flour, defatted and full fat for specialty animal feeds and pharmaceutical fermentation; lecithin (industrial-grade), 200 kg drums, 1 ton bins & bulk, for milk replacer, paint, leather, etc.

Walter Rau Neusser Oel und Fett AG ★ *C R SF IP*
Industriestrasse 36-40, P.O. Box 10 12 48,
D-4040 Neuss 1, GERMANY;
PH: 49/2131/2080; FAX: 49/2131/208211;
TLX: 8517827 (RAU D).
CONTACT: Claus F. Kiefer, Man. Dir.
Refining cap. 1,000MT/day; storage cap. 18,000MT; edible soy oil products, hydrogenated soy oil, industrial oil products; served by truck. Soy oil products, shortening. Soybean fatty acids.
CONTACT: Sales Dept.

GREECE

Biotrek S.A. ★ *SF*
52 Pondou Street, Athens 11527, GREECE;
PH: 30/1/770-8625; FAX: 770-4539;
TLX: 218671 (PHAL GR).
CONTACT: John Lewis, Pres.
PLANT SUPERINTENDENT: Stathis Binnis
Simulated meat products (analogs), dry mix; soyfoods, soymilk, drinks or beverages, dry mix; other soy-based foods, diet, geriatric, athletic and other special nutrition products, OLYMPIC PEAK and GREEN CUISINE. Supplier of soybeans for food use; **IMPORTER**: soy flour; soy isolate; soy concentrates; texturized soy protein.

Ruari International Trading Corp. LTD ★★
91 Akti Miaouli, Piraeus 18538, GREECE;
PH: 30/1-4290579; FAX: 30/1-4290472.
OTHER OFFICES: PIRAEUS, GREECE, NICOSIA CYPRUS
CONTACT: Laurie Wyatt, Trading Mgr.
EXPORTER: soybeans; soybean meal; soybean oil.

Soya Hellas S.A. *C IP*
MAIN OFFICE: 48, Voukovrestiov Street,
Athens 10673, GREECE;
PH: 30/1/363-3663; TLX: 224893 (SOYA GR).
OTHER OFFICES: Psachna - Evia (Plant)
CONTACT: Dimitriou Stellos, Man. Dir.
Solvent extraction; crush cap. 750MT/day; storage cap. 100,000MT; animal/livestock feed, crude degummed soybean oil, meal; served by ship and truck. SUPER SOYA full fat soy flour/soy protein (industrial grade) for animal feed.

Soya Hellas S.A. *C*
Psachna-Evia, Psachna 34400, Evia, GREECE;
PH: 30/228/22771-2; TLX: 272101(SOYAGR).
CONTACT: Giannakopoulos Andreas, Sales
PLANT SUPERINTENDENT: John Pardavellas
Solvent extraction; crude degummed soybean oil, meal; served by truck and ship.
CONTACT: John Pardavellas, Plant Mgr.

GUATEMALA

Alimentos S.A. *SF*
Carretera a San José Pinula, Km. 14.5, P.O. Box 8, Guatemala City 01973, GUATEMALA;
PH: 502/9/30-12-66 or 30-12-68;
FAX: 502/9/30-18-16.
CONTACT: Carlos F. Tejada, Gen. Mgr.
PROTEMAS simulated meat products (analogs) in 150 gram and 25 pound bags. **EXPORTER**: Textured soy; **IMPORTER**: Soybean meal, soybean meal flour.

NUTRICASA ★★ *SF*
Affiliate of Laboratorio Centroamericano De Nutricion Y Dietetica
Avenida Siméon Cañas 8-80, Zona 2,
Guatemala City, GUATEMALA;
PH: 502/2/20832; FAX: 502/2/20832.
CONTACT: Jose R. Calderon
PLANT SUPERINTENDENT: Jose R. Calderon
Soyfoods, NUTRICASA soymilk, drinks or beverages.

HONDURAS

Alimentos Concentrados Nacionales, S.A. (ALCON) *C*
Subsidiary of Cargill Inc.
Apartado Postal 283,
San Pedro Sula, HONDURAS;
PH: 504/57-5945; FAX: 504/53-4031;
TLX: 5576 (ALCON HT).
CONTACT: Jimmie N. Taylor, Gen. Mgr.
IMPORTER: Soybean meal 48%

Proteinas y Grasas S.A. (PROGRASA) *C R SF*
P.O. Box 30103, Comayaguela, HONDURAS;
PH: 504/340219; FAX: 340281;
TLX: 1675 (MOLIM HO).
CONTACT: René Morales, Pres.
Solvent extraction; crush cap. 150MT/day; storage cap. 8,000MT; animal/livestock feed, crude degummed soybean oil, hulls, meal; served by rail and truck. Refining cap. 90MT/day; storage cap. 3,600MT; edible soy oil products, hydrogenated soy oil; served by rail and truck. Soy oil products, cooking/salad oil; margarine.

HONG KONG

Soja International Switzerland Ltd. ★★ *IP*
Room 3602, EIE Tower Bond Centre, 89
Queensway, Hong Kong, HONG KONG;
PH: 524-8005; FAX: 868-4694;
TLX: 68171 68171SSPM HX.
CONTACT: S. Hollenstein, Managing Dir.
EXPORTER: "Encore" micro-milled soya bean powder.

The Vitasoy International Holdings Ltd. *SF*
1 Kin Wong Street, Tuen Mun, N. T.,
HONG KONG;
PH: 852/0/466-0333; FAX: 852/0/456-3441;
TLX: 52252 (VITTA HX).
OTHER OFFICES: Brisbane, CA (Vitasoy, USA)
CONTACT: Francis Kong, Tech. Dir.
Soyfoods, VITASOY soymilk, drinks or beverages.
CONTACT: Terence Ho, Export Mgr.

Wellwide Int'l. Ltd. ★★
Rm. 2905 Wah Yin House, Wah Kwai Estate,
HONG KONG;
PH: 852/549-1173; FAX: 852/858-3651.
CONTACT: Della Leung, Director
IMPORTER: Naturally tofu drinks; tempeh burger; vegetarian chili; meatless healthy bologines; vegetarian sloppy joe.

HUNGARY

AGRIMPEX Trading Company Ltd. ★
International Dept., Nádor u. 22., P.O. Box 278, Budapest 1392, HUNGARY;
PH: 36/1/1113-800, 36/1/111-3697;
FAX: 36/1/1530-658.
CONTACT: A. Vermes, Gen. Dir.
Broker, cash/product. **EXPORTER**: Soybean oil; **IMPORTER**: Soybeans, soybean meal/pellets, soybean oil.

Mezogazdasagi Kombinat ★★ *SF IP*
Boly, Boly 7754, Baranya, HUNGARY;
CONTACT: Mr. Turi Janos
PLANT SUPERINTENDENT: Mr. Bela Schneider
Other soy based foods, soy sprout, cap 130 MT annually;
CONTACT: Mr. Bela Schneider, Mgr.
Soy flour/soy protein (industrial-grade), hudrothermal, full fat s. meal for animal feeding, cap. 10,000 MT, annually.
CONTACT: Mr. Kardy Fenyucsi, Nutritionist

C = Soybean Processor (Crusher)
R = Soybean Oil Refiner

SF = Edible Soy Products/Soyfoods
IP = Industrial Soy Products

★ Updated Listing
★★ New Listing

INDIA

Allana Oil Mills *C R SF IP*
Allana House, 4, Allana Road, Colaba, G.P.O. Box 997, Bombay 400 039,
Maharashtra, INDIA;
PH: 91/22/287-4455; FAX: 91/22/204-4821;
TLX: 113317 or 1184849 (ALNA IN).
OTHER OFFICES: Thana, Maharashtra, INDIA
CONTACT: K. C. Mehta, Dir.
Hydraulic press, solvent extraction; crush cap. 100MT/day; storage cap. 5,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, hulls, meal, white flakes for edible purposes; served by barge, rail, ship and truck. Refining cap. 500MT/day; storage cap 7,000MT; crude degummed soybean oil, edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by rail, ship and truck. Soy flour, textured soy flour; soy grits; soy oil products, cooking/salad oil. Soy oil (industrial grade) for hydrogenation, paint and chemicals.

Alpine Solvex Limited ★ *C R SF*
10-11 Yeshwant Niwas Road, Indore 452003,
Madhya Pradesh, INDIA;
PH: 91/0731/37365 to 37369 (5 lines);
FAX: 91/0731/32926;
TLX: 735-216 (FOOD IN) or 735-378 (ALSO IN).
OTHER OFFICES: New Delhi; Bombay, Maharashtra, INDIA
CONTACT: Jamboo Bhandari, Man. Dir.
PLANT SUPERINTENDENT: H.C. Sharma
Solvent extraction; crush cap. 800MT/day; storage cap. 20,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, hulls, meal, white flakes for edible purposes; served by rail, ship and truck.
CONTACT: T.S. Bhandari
Refining cap. 100MT/day; storage cap. 700MT; crude degummed soybean oil, refined soybean oil; served by truck, rail and ship.
CONTACT: T.K. Maheshwari
Lecithin (edible grade); full fat soy flour; soy grits.
CONTACT: H. C. Sharma.

Amrit Protein Foods Ltd. ★★ *SF*
Affiliate of Amrit Banaspati Company, Ltd.
G.T. Road, Amrit Nagar, Ghaziabad 201009 ,
Uttar Pradesh, INDIA;
PH: 991-11-871 4215; FAX: 991/11/871 4345; TLX: 0592-237 Amrit IN.
CONTACT: N.K. Bajaj, President
PLANT SUPERINTENDENT: M.M. Chitale, G.M.
Soyfoods, soymilk, drinks or beverages, Golden Glow natural soyamilk, Big Sipp flavoured soyamilk, Golden Glow spray-dried soymilk powder, soyum lactose free special infant food, plain and formulated soyamilk dried powders (in bulk packing).

Anupam Extractions Ltd. *C R SF IP*
Borgaon Road, P.O. Box 29, Wardha 442001,
Maharashtra, INDIA;
PH: INDIA WARDHA 3125 or 2603.
OTHER OFFICES: Wardha, INDIA (Ajanta Extractions & Shakti Oil Industries)
Continuous screw press, solvent extraction; storage cap. 100MT; crude degummed soybean oil, crude soybean oil, meal; served by rail and truck. Storage cap. 20MT; crude degummed soybean oil, edible soy oil products, refined soybean oil; served by rail and truck. Soy oil products, cooking/salad oil. Soy oil (industrial grade); soybean fatty acids.

Bhavnagar Vegetable Products Unit *C R SF IP*
Affiliate of The National Dairy Development Board
Bunder Road, Bhavnagar 364001,
Gujarat, INDIA;
PH: 91/200/0278-29693; TLX: 0182-222.
CONTACT: Kirti K. Soni, Asst. Gen. Mgr.
Continuous screw press, solvent extraction; crush cap. 150MT/day; crude soybean oil, meal; served by rail, ship and truck. Refining cap. 40MT/day; hydrogenated soy oil, refined soybean oil; served by rail, ship and truck. Soy oil products, SULABH cooking/salad oil; PRABHAT margarine. Soybean fatty acids.

Dipak Vegetable Oil Industry Pvt. Ltd. ★★ *C R*
Jawahar Road, Manavadar 362630,
Gujarat, INDIA;
PH: 752/753/754; TLX: 0169-253 (DISO);
FAX: 91 0281 26235.
CONTACT: G.G. Patel, Man. Dir.
PLANT SUPERINTENDENT: D.P. Patel
Solvent extraction; crush cap. 150 MT/day; storage cap. 5000 MT/day; crude soybean oil, meal; served by ship and truck. refining cap. 50 MT/day; storage cap. 2000 MT/day; hydrogenated soyoil; served by truck.

Flour & Food Ltd.
10/11, Yeshwant Niwas Road,
Indore 452 003, M. F., INDIA;
PH: 91/731/37365-69 (5 lines);
FAX: 91/731/32926 (Indore) or 91/22/2041964 (Bombay); TLX: 735-216 (FOOD IN) or 735-378 (ALSO IN).
OTHER OFFICES: Bombay, Maharashtra; New Delhi, INDIA
CONTACT: S. G. Bhandari
Broker, cash/product; supplier of soybean for food use; **EXPORTER**: Soybean meal.

Foods Fats & Fertilisers Ltd. ★ *C R*
Tanuku Road, P.O. Box 15, Tadepalligudem 534 101, Andhra Pradesh, INDIA;
PH: 2571 (4 lines), 2525; FAX: 9144-863022 (Madras); TLX: 04705-202 (FFF IN).
OTHER OFFICES: Madras, Tamilnadu; Bombay, Maharashtra; Calcutta, West Bengal; Hyderabad, Andhra Pradesh; Kakinada, Andhra Pradesh
CONTACT: Sushil Goenka, Pres.
Solvent extraction; crude degummed soybean oil, crude soybean oil, meal; served by rail and truck. Refined soybean oil; served by truck and rail.

General Foods Limited *C R SF IP*
101, Mahakosh House, 7/5 S. Tukoganj, Opp. Nath Mandir, Indore 452 001, M.P., INDIA;
PH: 91/0731/23281 (5 lines);
FAX: 91/0731/32168; TLX: 0735-203 (MSS IN) or 011-3273 (GFPL IN).
OTHER OFFICES: Bombay, Maharashtra, INDIA
CONTACT: Suresh Shahra
Solvent extraction; crush cap. 350MT/day; storage cap. 15,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil; served by rail, ship and truck. Refining cap. 75MT/day; crude degummed soybean oil, edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by rail, ship and truck. Lecithin (edible grade); soy flour; full fat soy flour; textured soy flour; soy grits; soy oil products, cooking/salad oil. Lecithin (industrial grade); soy flour/soy protein (industrial grade); soy oil (industrial grade). **EXPORTER**: Soybean extraction/meal.

Indovita Proteins (P) Ltd. ★★ *SF*
SA-66, Shastri Nagar,
Ghaziabad 201001, U.P., INDIA;
PH: 91/0118-42217 or 44450.
OTHER OFFICES: Ghaziabad, U.P.; New Delhi, N.D.; Azamgarh, U.P.
CONTACT: Pawan Swarup, Dir.
Soyfoods, SUPER SOY soymilk, drinks or beverages; SUPER SOY (Soya Paneer) tofu & tofu products; SUPER NUTS fried/roasted soynuts (whole soybean snacks); other soy-based foods, SUPER SOY yogurt; burger vegetables; tea snacks.

Jai Exports ★★
807 Embassy Centre, Nariman Point 400021,
Bombay, INDIA;
PH: 2048431, 222609; FAX: 91/22/230473.
CONTACT: V.D. Vyas, V.P.
EXPORTER: Yellow soyabean meal & flakes; black soyabean meal.

Kalyan Solvent Extractions Ltd. ★★ *C R SF IP*
Affiliate of NIL
25 Jaora Compound, MY Road,
Indore 452001, INDIA;
PH:; TLX: 0735-332 KESI IN.
OTHER OFFICES: Mahavir Agro Products Ltd., Dewas, MP INDIA
CONTACT: K.C. Barjatya, Man. Dir.
PLANT SUPERINTENDENT: Mr. P.L. Sisodia
Solvent extraction, 500 TPD/Day; storage cap. 150MT, animal/livestock feed, crude degummed soybean oil, crude soybean oil, meal; served by rail and truck refining cap. 50 MT/day; storage cap. 150 MT/day. refined soybean oil; served by truck. cooking/salad oil (UMANG); soy oil (industrial-grade) , soya solvent oil, acid oil.

Jai Kisan Agro Products *C*
C/3-4 Sanver Road, Industrial Estate,
Indore 452003, M.P., INDIA;
PH: 91/731/411011, 410055.
OTHER OFFICES: Halol, Gujrat, INDIA (Protein Feeds & Foods, Pvt. Ltd.)
CONTACT: Ashok Badjatiya, M.D.
Animal/livestock feed; served by rail or truck.

Krishna Oil Extractions Ltd. (KOEL) ★ *C R*
14/15 Jaora Compound, 1st Floor,
Indore 452001, M.P., INDIA;
PH: 0731/466151 or 466152 ;
TLX: 0735-262 (KOEL IN).
OTHER OFFICES: Rajgarh (Biora), M.P. (mfg.); Raipur, M.P. (office)
CONTACT: Om Prakash Goel, Dir.
PLANT SUPERINTENDENT: Shri Niranjan Agrawal
Crush cap. 400MT/day; storage cap. 18,000MT; crude soybean oil, meal; served by rail and truck.
CONTACT: O.P. Goel, Dir.
Refining cap. 50MT/day; storage cap. 350MT; refined soybean oil; served by truck and rail.
CONTACT: Prem Agrawal, Man. Dir.

LSP Refined Oil Company ★★ *R SF*
292 Suramangalam Main Road, Salem
636009, Tamilnadu, INDIA;
PH: 51024; TLX: 0450-215 LSP IN.
Refining cap. 40 MT/day; storage cap. 1000 MT/day. refined soybean oil; served by truck. Soy oil products, cooking salad oil; margarine; shortening.

M. P. Oil Extraction Ltd. *C R SF*
22/55 Industrial Area,
Raipur 493 221, M. P., INDIA;
PH: 91/771/323670 or 323674 or 324327 or 323175; TLX: 85483 (MPOL)
CONTACT: Suresh D. Manik, Man. Dir.
Solvent extraction; crush cap. 200MT/day; storage cap 6,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, meal; served by rail, ship and truck. Refining cap. 30MT/day; storage cap. 700MT; crude degummed soybean oil, edible soy oil products, refined soybean oil; served by rail, ship and truck. Soy oil products, TAKAT cooking/salad oil.

The Malwa Vanaspati & Chemical Company Ltd. *C R SF IP*

Mohatta Nagar, Indore 452003, M.P., INDIA;
PH: 91/731/23251; TLX: 735-228 (MVCC IN).
CONTACT: D. N. Deora, Pres.
Solvent extraction; crush cap. 125MT/day; storage cap. 4,000MT; crude soybean oil, meal; served by rail, ship and truck. Refining cap. 100MT/day; storage cap. 400MT; edible soy oil products, hydrogenated soy oil, refined soybean oil; served by truck, rail and ship. Soy oil products, cooking/salad oil; soyfoods, flakes or cake (de-oiled). Soy oil (industrial grade); soybean fatty acids.

Nav Maharashtra Chakan Oil Mills ★ *C R SF*

MAIN OFFICE: 42/43, Shankar Sheth Road,
P.O. Box 1427, Pune 411037,
Maharashtra, INDIA;
PH: 91/0212/650406 or 650407 or 650408 or 650605; FAX: 212/650411; TLX: 0145349
OTHER OFFICES: Sangli, Maharashtra
CONTACT: Shantilal R. Lunkad, Partner
Continuous screw press, solvent extraction; crush cap. 200MT/day; storage cap. 15,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, hulls, meal, white flakes for edible purposes; served by truck. Refining cap. 50MT/day; storage cap. 200MT; crude degummed soybean oil, refined soybean oil; served by tanker. Soy oil products, PRAKASH refined cooking/salad oil.

Nav Maharashtra Chakan Oil Mills ★ *C R*

E-6, Kupad Block, M.I.D.C., Sangli,
Maharashtra, INDIA;
PH: 66406 or 66407; TLX: 145349 (NMC IN).
CONTACT: Shantilal R. Lunkad, Partner
Solvent extraction; crush cap. 200MT/day; storage cap. 10,000MT; animal/livestock feed, crude soybean oil, meal; served by rail and truck. refined soybean oil.

Nutritional Food Products India Ltd. ★★ *SF*

Affiliate of Nestle S.A., Switzerland
M-5A, Connaught Circus, P.O. Box 611, New Delhi 110001, INDIA;
PH: 011/332-9507 or 332-9025; TLX: 031-62765 (NEST IN); FAX: 011/332-1438.
Isolated Soy Proteins; simulated meat products (analogs); full fay soy flour; soy protein concentrates; other soy based foods.

Oswal Agro Mills Ltd. ★ *C R SF*

7th Floor Antriksh Bhawan, Kasturba Gandhi Marg, New Delhi 110001, INDIA;
PH: 371-5233, 371-5242; FAX: 3716276;
TLX: 031-61553 (OAM IN).
OTHER OFFICES: Ludhiana; Punjab; Bhopal.)
CONTACT: K. L. Jain, Dir.
Solvent extraction; crush cap. 450MT/day; storage cap. 75,000MT; animal/livestock feed, meal; served by rail and truck. Refining cap. 75MT/day; storage cap. 2,000MT; refined soybean oil; served by rail, truck. Soy oil products, cooking/salad oil.

Premier Industries (India) Ltd. *C R SF IP*

107, Chetak Centre, 12-2, R.N.T. Marg,
Indore 452001, M. P., INDIA;
PH: 91/0731/38705; TLX: 0735-306
OTHER OFFICES: Bombay
CONTACT: Girdharilal Agrawal, Chman.
Solvent extraction; crush cap. 400MT/day; storage cap. 25,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, hulls, meal, white flakes for edible purposes; served by rail, ship and truck. Refining cap. 25MT/day; storage cap. 1,200MT; crude degummed soybean oil, edible soy oil products; served by rail and truck. PREMIER soy fiber; soy flour; full fat soy flour; textured soy flour, PREMIER soy grits; soyfoods, TUFFY soymilk. Full fat soy flour/soy protein (industrial grade).
CONTACT: Rajesh Agrawal.
soybean seed supplier; supplier of soybeans for food use; **EXPORTER**: Soybean meal.

Prestige Foods Limited *C R SF IP*

30, Joara Compound,
Indore 452 001, M. P., INDIA;
PH: 91/731/68201-206; FAX: 91/731-68106;
TLX: 0735-205 (PFM IN).
OTHER OFFICES: Bombay, INDIA
CONTACT: Nemnath Jain, Chman.
Solvent extraction; crush cap. 700MT/day; storage cap. 40,000MT; crude degummed soybean oil, crude soybean oil, meal, white flakes for edible purposes; served by truck. Refining cap. 80MT/day; storage cap. 1,500MT; crude degummed soybean oil, edible soy oil products; served by truck.
CONTACT: Davish Jain, Joint Man. Dir.
Lecithin (edible grade); soy flour; soy grits; soy oil products, cooking/salad oil. Soy sterols & tocopherols.
CONTACT: Manmath Patni.

Rajasthan Vanaspati Products Ltd. *C*

Hamirgarh Road, P.O. Box 1, Bhilwara 311001,
Rajasthan, INDIA;
PH: 6416; TLX: 302211 (RAJVP).
CONTACT: K.K. Mansingka, Man. Dir.
Solvent extraction; crush cap. 100MT/day; storage cap. 1,000MT; crude soybean oil, meal; served by rail and truck.

Sangli Dist. Soyabean Producers & Processing Co-op. Socy Ltd. ★★ *C R SF IP*

c/o Vasantdada Shetkari, Sahakari Sakhar,
Karkhana Ltd., Sangli,
Maharashtra, 416 416 INDIA;
PH: 009123 72611 to 72615;
TLX 0193-232 SSSK IN.
CONTACT: Ghanashyam Dattajirao Suryawahshi, Chmn.
Solvent extraction; crush cap. 250MT/day; storage cap. 2 months production MT; hulls, meal, white flakes for edible purposes. served by rail, truck. crude degummed soy oil, refined soybean oil, edible soy oil products; served by rail, truck.
CONTACT: Ghahashyam Dattajirao Suryawahshi
Isolated soy proteins; lecithin (edible grade); soy oil products, cooking/salad oil, soy flour, full fat soy flour, textured soy flour, soy grits, soy protein concentrates;
CONTACT: Ghahashyam Dattajirao Suryawahshi
lecithin (industrial-grade); soy flour/soy protein (industrial-grade); soy oil (industrial -grade).

Schokhi Industrials Pvt. Ltd. ★ *C*

Schokhi House, Ground Floor, French Bridge,
Opera House JN, Bombay 400 007,
Maharashtra, INDIA;
PH: 91/22/3868255, or 368255 or 3861050;
FAX: 91/22/287-1771; TLX: 1174535
CONTACT: Nitin Goel, Dir.
Solvent extraction; animal/livestock feed, meal. Broker, cash/product. **EXPORTER**: Soyabean meal.

Shree Mansingka Oil Mills Ltd. *C R*

Mansingka Chambers, 258 Kalbadevi Road,
Bombay 400002, Maharashtra, INDIA;
PH: 22/316734 or 316640; TLX: 11-4401
OTHER OFFICES: Khandwa, M.P., INDIA
Solvent extraction; crush cap. 150MT/day; storage cap. 6,000MT; crude soybean oil; served by rail or truck. Refining cap. 50MT/day; storage cap. 600MT; edible soy oil products, refined soybean oil; served by rail or truck.

SK Industries ★★ *C R*

Vadal Road, P.O. Box 57, Junagadh 362001,
Gujarat, INDIA;
PH: 0281/21244-21792; TLX: 0164-210 SKI.
CONTACT: Bipin Patel, Partner
Solvent extraction; crush cap. 100 MT/day; storage cap. 2000 MT/day; animal/livestock feed, crude degummed soybean oil, crude soybean oil; served by rail and truck. refining cap. 50 MT/day; storage cap. 500 MT/day; crude degummed soy oil, refined soybean oil; served by rail and truck.

Spads Biotechnica (P) Ltd. ★

14 Vikas Park, P.O. Box 18282, Juhu Tara Road, Juhu 400049, Bombay, INDIA;
PH: 91/022/614-1247;
FAX: 91/022/6113682; (ATTN: SPADS);
TLX: 1171419 (PALMIN ATTN: SPADS).
CONTACT: Abhay Sharma, Dir.
EXPORTER: soybean cake/meal; **IMPORTER**: soya bean by associate company in UK into USSR;

Swaika Oil Mills *C R*

18B Brabourne Road, Calcutta 700001,
W. Bengal, INDIA;
PH: 91/033/264290 or 264291 or 264292;
TLX: 0214540 (SOMIN).
OTHER OFFICES: Liluah, Howral, W. Bengal
CONTACT: B. Swiaka
PLANT SUPERINTENDENT: L. K. Pandey
Solvent extraction; crush cap. 100MT/day; storage cap. 3,000MT; crude soybean oil; served by rail, ship and truck. Refining cap. 30MT/day; storage cap. 500MT; refined soybean oil; served by rail and truck.

The Tata Oil Mills Company Ltd. *SF*

Bombay House, 24 Homi Mody Street, Bombay House, Bombay 400 001, INDIA;
PH: 91/22/204-9926; TLX: 112617 (TATA IN).
OTHER OFFICES: Bombay (Sewri Mills, mfg.)
CONTACT: G. S. Sabnis, Exec., Protein Foods
PROTIMITE isolated soy protein (85 to 90% purity); soyfoods, INFANT FOOD (Proma) soymilk, drinks or beverages, lactose free.

Tri-Star Soya Products Ltd. *C R SF*

111-A, Raheja Chambers, 213 Nariman Point,
Bombay 400021, INDIA;
PH: 2045715 or 2045576;
TLX: 11-4953 (MOPL IN).
CONTACT: Mahendra Mansingka, Man. Dir.
Solvent extraction; crush cap. 500MT/day; storage cap. 25,000MT; crude soybean oil, hulls, meal; served by rail and truck. Refining cap. 50MT/day; storage cap. 1,200MT; crude degummed soybean oil, edible soy oil products, refined soybean oil; served by truck and rail. Soy oil products, TRI-SOYA cooking oil.

United Soya Products Ltd. *C R SF IP*

Mandideep, Bhopal, M. P., INDIA;
PH: 900/91/135, 550295;
TLX: 705406 (POLY-IN).
CONTACT: R. N. L. Chaturvedi, Factory Mgr.
Solvent extraction; crush cap. 350MT/day; storage cap. 15,000MT; crude degummed soybean oil, crude soybean oil, meal, white flakes for edible purposes; served by rail and truck. Refining cap. 70MT/day; storage cap. 10,000MT; crude degummed soybean oil, edible soy oil products, refined soybean oil; served by rail and truck.
CONTACT: Dr. B Misra.
Soy flour; soy oil products, TEACHER cooking/salad oil. Lecithin (industrial grade); soy oil (industrial grade) for vanaspati and refining; soybean fatty acids for soap.
CONTACT: R. N. L. Chaturvedi.

Vippy Solvex Products Ltd. *C R SF IP*

28 Industrial Area, A.B. Road,
Fewas 455 001, M.P., INDIA;
PH: 91/2582; TLX: 732201 (VSP IN).
CONTACT: Prakash C. Mutha, Mgr. Dir.
Solvent extraction; crush cap. 100MT/day; crude soybean oil, meal; white flakes for edible purposes; served by rail and truck. Refining cap. 70MT/day; crude degummed soybean oil, edible soy oil products, refined soybean oil; served by truck and rail. Soy flour; soy grits. Lecithin (industrial grade); full fat soy flour/soy protein (industrial grade); soy oil (industrial grade).

C = Soybean Processor (Crusher)
R = Soybean Oil Refiner

SF = Edible Soy Products/Soyfoods
IP = Industrial Soy Products

★ Updated Listing
★★ New Listing

INDONESIA

P. T. Salim Graha *SF*

Jalan Raya Bekasi, Km. 27, Pondok Ungu, P.O. Box 140 Bekasi, Bekasi 17132, West Java, INDONESIA;
PH: 62/21-511258 or 971645 or 971933;
FAX: 62/21-971929 or 346558;
TLX: 48523 (SGFOOD IA).
CONTACT: Ario Mahendra, Mkting. Dir.
Soyfoods, YEO'S soymilk, drinks or beverages.

IRELAND

William Connolly & Sons Ltd. *C SF IP*

Red Mills, Goresbridge,
County Kilkenny, IRELAND;
PH: 353/503-75144; FAX: 353/503-75378;
TLX: 6-60645 (WCSL EI).
CONTACT: William V. Connolly, Man. Dir.
Extruders; crush cap. 160MT/day; storage cap. 5,000MT; animal/livestock feed; served by truck. RED MILLS full fat soy flour. Full fat soy flour/soy protein (industrial grade) for animal feed.

A. W. Ennis Ltd. *C SF*

Ballyconnell Mills, Ballyconnell,
Cavan, IRELAND;
PH: 049/26158 or 26104; FAX: 049/26445.
CONTACT: Desmond Ennis, Mgr.
Jet sploder; crush cap. 40MT/day; storage cap. 250MT; animal/livestock feed; served by truck. ERIN full fat soy flour.

ISRAEL

Einhorn's Sons Ltd. ★

47 Wolfson Street, P.O. Box 524,
Tel Aviv 61004, ISRAEL;
PH: 972/3/379126; FAX: 972/3/379131;
TLX: 35555 (EINH IL).
CONTACT: Shlomo Einhorn, Man. Dir.
Broker, cash/product.

Hayes General Technology Company Ltd.

Misgav Dov 19, Mobile Post Emek Sorek 76867, ISRAEL;
PH: 972/8/592925; FAX: 972/8/596346;
TLX: 381240 (HGEMC IL).
OTHER OFFICES: Gedera (2 Offices; Hayes Gen. Tech. & General Feeds Co.); Misgav Dov (Hayes Engineeering Co.)
CONTACT: Daniel Chajuss, Dir.
Broker, cash/product;

Olivex Ltd. ★ *C R SF IP*

25 Rothschild Blvd., P.O. Box 1498, Tel Aviv 61014, ISRAEL;
PH: 972/560-4451; FAX: 972/560-4455;
TLX: 341118, ext. 5674 (BXTV IL).
OTHER OFFICES: Petah Tikva, ISRAEL (mfg.)
CONTACT: Uriel G. Cegla, Dir.
Continuous screw press, solvent extraction; crush cap. 600 MT/day; storage cap. 3000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, hulls, meal; served by truck. refining cap. 60MT/day; storage cap. 1200MT; Crude degummed soybean oil, edible soy oil products; CHELMONIT lecithin (edible grade) NSPA grades; soy oil products, GOLD OIL cooking/salad oil. Soybean fatty acids.

Shefa Protein Industries Ltd. ★ *SF IP*

Affiliate of Israel Edible Foods Ltd.
Hataàsya St. 12, P.O. Box 39,
Arad 80700, ISRAEL;
PH: 57/953555 or 955286 or 955416 or 957860; FAX: 972/57-958049;
TLX: 5206 (SHEFA IL).
CONTACT: Michael Moshe, Export Mgr.
Simulated meat products (analogs), S.V.P. chips in various sizes, used as meat extender or meat substitute. Soy meal for animal/livestock feed.

Shemen Ind. Ltd. ★ *C R SF IP*

Affiliate of Koor Food Ltd.
P.O. Box 136, Haifa 31000, ISRAEL;
PH: 972/3-925-6256 or 6237 or 6337;
FAX: 972/3-925-6286.
Solvent extraction; crush cap. 600MT/day; storage cap. 17,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, meal; served by rail and truck. Refining cap. 70MT/day; storage cap. 2,000MT; crude degummed soybean oil, edible soy oil products, industrial oil products, refined soybean oil; served by truck. Lecithin (edible grade); soy oil products, MEGED cooking/salad oil. Lecithin (industrial grade); soy oil (industrial grade) for the paint industry.

Shemen Industries Ltd. Etz-Hazayith Ltd. ★

Affiliate of Koor Foods Ltd.
P.O. Box 193, Petah Tikva 49101, ISRAEL;
PH: 972/3-9256256 or 6237 or 6337;
FAX: 972/3-9256286.
CONTACT: Shaul Feigenboim, Comm. Mgr.

Solbar Hatzor Ltd. ★ *C SF*

P.O. Box 2230, Heavy Industrial Area,
Ashdod 77121, ISRAEL;
PH: 972/08/561414; FAX: 972/08/561455;
TLX: 381885 (SOLBAR IL).
CONTACT: Uri Eshel, Man. Dir.
PLANT SUPERINTENDENT: Micha Harari
Solvent extraction; crush cap. 200MT/day; storage cap. 2000MT/day; crude degummed soybean oil, crude soybean oil, hulls, meal and white flakes for edible purposes; served by ship and truck. SOBIT refined soybean fibers; SOLCON, SOLPRO, SOLCAF 70 soy protein concentrates; CONTEX textured soy protein concentrates, chunks, flakes; SOYBAR soy flour, non-toasted, defatted; SOYTEX textured soy flour.

Teth Beth Ltd. ★ *C R SF*

P.O. Box 147, Petach Tikva 49101, ISRAEL;
PH: 972/3/9313191; FAX: 972/3/9342446;
TLX: 381287 TBIL.
CONTACT: Ezra Berger, Man, Dir.
PLANT SUPERINTENDENT: Ezra Berger
Solvent extraction; crush cap. 600 MT/day; storage cap. 20,000MT; crude degummed soybean oil, crude soybean oil, meal, white flakes for edible purposes; served by truck. Refining cap. 120MT/day; storage cap. 8,000 MT; hydrogenated soy oil, industrial oil products, refined soybean oil; served by truck. lecithin (edible grade); soy oil products, cooking/salad oil; margarine; shortening; soy protein concentrates.

ITALY

Agrimar S.r.l. ★★

Via Gustavo Fara, 39, I-20124, Milano, ITALY;
PH: 39/2/669-3234; FAX: 39/2/669-7738;
TLX: 321426 AGRIMA.
CONTACT: Enrico Marchetti
Broker, cash/product.

CEREOL Italia S.r.l. *C R*

Via Banchina Molini nº. 18, P. To Marghera 30175, Dir., ITALY;
PH: 39/041/930900; FAX: 39/041/920941;
TLX: 32-410253.
CONTACT: Pellegrini Gabrio, Dir. Stabilimento
Solvent extraction; crush cap. 800MT/day; storage cap. 30,000MT; crude degummed soybean oil, crude soybean oil, hulls, meal; served by truck and ship. Refining cap. 150MT/day; storage cap. 4,000MT; crude degummed soybean oil, refined soybean oil; served by truck, barge and ship.

CICAM S.R.L.

Via G. Cavalcanti, 14, 20127 Milano, ITALY;
PH: 02/289-4415/282-0694; FAX: 02/284-7757; TLX: 315498 (CICAM).
CONTACT: Lucio Rinaldi, Gen. Mgr.
Broker, cash/product; **IMPORTER**: Isolated soy protein, soy flours, TVP, soy milk, soy grits.

Compagnia Continentale Italiana S.p.A. *C*

Affiliate of Continental Grain Co., USA
Via Sassoferrato, II, Rome 00197, ITALY;
PH: 39/6/36901; FAX: 39/6/3690270;
TLX: 610065 (FRIBI I).
OTHER OFFICES: Ancona, Porto Marghera, ITALY (mfg.)
CONTACT: Ron Anderson (at 212/207-5530 U.S.A.)
Solvent extraction; crush cap. 800MT/day; storage cap. 46,000MT; crude degummed soybean oil, crude soybean oil, meal; served by truck and ship.

EULIP S.R.L. ★ *SF*

Via Nobel 7/A Q. I. SPIP, Parma 43100, ITALY;
PH: 39/521/607718; FAX: 39/521/607726,
TLX: 531219 (EULIP I).
CONTACT: Cesare Carabelli, Tech. Dir.
PLANT SUPERINTENDENT: Cesare Carabelli
Soyfoods, other soy-based foods, specialty fats.

Industrie Chimiche Italia Centrale S.p.A. (ICIC) ★ *C*

Molo Sud, Zona Industriale,
Ancona 60125, ITALY;
PH: 39/71/71-5941; FAX: 39/71/594286.
CONTACT: Charles L. Nunu
Solvent extraction; crush cap. 1000MT/day; storage cap. 55,000MT; meal; served by truck.

Italiana Olii & Risi S.p.A. *C R SF*

MAIN OFFICE: Via Strada Statale n. 148,
Aprilia 04011, Latina, ITALY;
PH: 39/06/920-7441; TLX: 680045.
OTHER OFFICES: Ravenna; P. To Marghera, ITALY
CONTACT: Sangiorgi Silvano, Dir. Stabilimento
Solvent extraction; crush cap. 1,000MT/day; storage cap. 40,000MT; crude degummed soybean oil, crude soybean oil, hulls, meal; served by truck, barge and ship. Refining cap. 250MTday; storage cap. 10,000MT; crude degummed soybean oil, refined soybean oil; served by truck, barge and ship. Lecithin (edible grade); soy oil products, cooking/salad oil.

Italiana Olii & Risi S.p.A. *C R SF*

Via Baiona n. 203, Porto Corsini 48100,
Ravenna, ITALY;
PH: 39/0544/446032; TLX: 550077.
CONTACT: Giuseppe Cellini, Dir. Stabilimento
Solvent extraction; crush cap. 1,500MT/day; storage cap. 120,000MT; crude degummed soybean oil, crude soybean oil, meal; served by truck, barge and ship. Refining cap. 300MT/day; storage cap. 16,000MT; crude degummed soybean oil, once refined soybean oil; served by truck, barge and ship. Soy oil products, cooking/salad oil.

Lucas Meyer SRL *C R SF IP*

Affiliate of Lucas Meyer GmbH & Co., Hamburg
Via Venezia, 34, Vigonza 35010,
Padova, ITALY;
PH: 0039/49/893-0011; FAX: 0039/49/725033; TLX: 431875 (MEYER I).
OTHER OFFICES: Oudenaarde, BELGIUM; Campinas, BRAZIL; Chester, ENGLAND; Le Blanc Mesnil, Cedex, FRANCE; Hamburg, FEDERAL REPUBLIC OF GERMANY; Zaandaul, NETHERLANDS; Barcelona, SPAIN; Decatur, IL
CONTACT: Axel Skulte, Man. Dir.
Animal/livestock feed. Edible soy oil products; industrial oil products. SOYAMIN 90 isolated soy protein; TOPCITHIN, M-C-THIN, EMULFLUID, METARIN, EMULPUR, EMULGUM, LECIMULTHIN, EMULTHIN, EPICHOLIN, EPIKURON lecithins (edible grade); SOYAMIN 50 soy flour; SOYAPAN, NURUPAN full fat soy flours; SOYOCO full fat soya kernels; SOVITAL soya bran; NURUGRAN full fat soya grits; NURULAT full fat soya powder; SOYAMIN 70 soy protein concentrates; VEGAFOOM soya protein, whipping; TEXTRATEIN textured soy protein; soyfoods, NURAFLAKES soya flakes (full fat). LIPOTIN and LIPOWET lecithin (industrial grade) for paints, varnishes, leather, magnetic tapes, coatings, inks and cosmetics; EMULMETIK modified soya phospholipids.

Protein Technologies International ★★ *SF IP*

Subsidiary of Ralston Purina Company
Centro Direzionale Colleoni, Palazzo Perseo,
Via Parascelso 12,
20041 Agrate Brianza, ITALY;
PH: 3939 639241; FAX: 3939/639242.
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

STAR Stabilimento Alimentare S.p.A. *R SF*

Via Matteotti, 142, 20041 Agrate Brianza,
Milano, ITALY;
PH: 39/655-0451; TLX: 330133.
CONTACT: Uccelli Giacomo, Fat/Oil Technologist
Refining cap. 20,000MT/year; storage cap. 3,000MT; edible soy oil products, hydrogenated soy oil, refined soybean oil; served by truck. Soy oil products, cooking salad oil; margarine; shortening.

JAMAICA

Country Farmhouse Soya Products *SF*

Affiliate of The Country Farmhouse Lifeline
12 Faulkner Avenue, Duhaney Park, Kingston
20, JAMAICA; FAX: 809/921-5329.
CONTACT: Marion B. D'Aguilar, Man. Dir.
Soy oil products, SALADS DELIGHT salad dressing; frozen desserts; soyfoods, soymilk, drinks or beverages; tofu & tofu products; other soy-based foods, tofu sandwich spread; tofu cream pies.

Eaton & Son Sauce Co., Ltd. ★★ *SF*

Hague, P.O. Box 43, Falmouth, JAMAICA;
PH: 809/954-3681; TLX: 2001 (MOBAY);
FAX: 809/954-3681.
OTHER OFFICES: King Pepper Products, Ltd., Falmouth, JAMAICA.
CONTACT: Dudley Eaton, Man. Dir.
PLANT SUPERINTENDENT: Michael Eaton
Soy sauce, roasting sauce;

Jamaica Soya Products Industries Limited ★ *C R*

Rhoden's Pen, P.O. Box 27, Old Harbour,
St. Catherine, JAMAICA;
PH: 809/983-2244; FAX: 809/983-2217;
TLX: 2318 (JANUHOLD).
CONTACT: George A. Nelta, Gen. Mgr.
Solvent extraction; crush cap. 300MT/day; storage cap. 10,000MT; crude soybean oil, meal; served by truck. Refining cap. 50MT/day; storage cap. 650MT; once refined soybean oil; served by truck.

JAPAN

Asahi Industries Company, Ltd. *SF*

1-1, 3-Chome, Higashi-Ikebukuro, Toshima-ku,
Tokyo 170, JAPAN;
PH: 81/03/3989-8921; FAX: 81/03/3987-2170; TLX: 2722662 (SEIBU K J).
CONTACT: Hiroshi Nakai, Asst. Gen. Mgr.
Simulated meat products (analogs); soyfoods, soymilk, drinks, or beverages; tofu & tofu products.

Asia Protein Company, Ltd. ★ *SF*

Miyamori Palace #118, 4-11-18, Miyamori
Chuoku, Sapporo, Hokkaido, JAPAN;
FAX: 81/011/644-1759.
OTHER OFFICES: Hiroo, Hokkaido, JAPAN
CONTACT: Shigeru "Sam" Chikaarashi, Pres.
Soyfoods, DAIZU FLAKE #1 soy flakes (full fat) for use as a substitute for whole soybeans in soymilk and tofu.

Fuji Oil Company, Ltd. ★

MAIN OFFICE: Nissei Midosuji Hachiman-cho
Bldg., 2-1-5 Nishi-Shinbashi, Chuo-ku,
Osaka 542, JAPAN;
PH: 81/06/213-8158; TLX: 522-2057
(FUJIOSJ); FAX: 81/06/2139548.
OTHER OFFICES: Izumisano City, Kobe (mfg.)
CONTACT: Hidehiko Maruo, Gen. Mgr.

Fuji Oil Company, Ltd., Han-nan Factory ★ *R SF*

1-Sumiyoshicho, Izumisano City 598, JAPAN;
PH: 81/0724/631121; FAX: 81/0724/632545.
CONTACT: Koichi Murase, Sr. Man. Dir.
Refining cap. 430MT/day; storage cap. 20,000MT; edible soy oil products, industrial oil products, refined soybean oil; served by truck and barge. Isolated soy proteins; simulated meat products (analogs); soy flour; soy oil products, cooking/salad oil; margarine; shortening.
CONTACT: Fuji Oil, Osaka.

Fuji Oil Company, Ltd., Kobe Factory ★ *C SF*

18-24, 2-chome, Hamanakacho Hyogo-ku,
Kobe 652, JAPAN;
PH: 81/078/652-3215.
CONTACT: Kiyomi Taniguchi, Man. Dir.
Solvent extraction; crush cap. 300MT/day; storage cap. 4,000MT; animal/livestock feed, crude soybean oil, meal, white flakes for edible purposes; served by truck and barge. Simulated meat products; soy flour; soyfoods, tofu.
CONTACT: Fuji Oil, Osaka.

Higashimaru Shoyu Company, Ltd. *SF*

100-3, Tominaga, Tatsuno-cho,
Tatsuno City 679-41, JAPAN;
PH: 81/07916/3/4567.
CONTACT: Takeshi Ishino, Dpty. Dir.
Soyfoods, HIGASHIMARU soy sauce.

Higeta Shoyu Company, Ltd. *SF*

2-3, Koamicho, Nihonbashi, Chuo-ku,
Tokyo 103, JAPAN;
PH: 81/03/3669-1441.
CONTACT: Keigi Yamashita, Dir., Mkt. Dev.
Soyfoods, HIGETA soy sauce.

Honen Corporation *C R SF*

Mitusi Seimei Building 2-3, 1-Chome
Ohtemachi, Chiyoda-ku, Tokyo 100, JAPAN;
PH: 81/3/3213-1868; FAX: 81/3/3212-5090;
TLX: 222-3084 (HOHEN J).
CONTACT: Yoichi Nakajima
Solvent extraction; crush cap. 2,000MT/day; storage cap. 100,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, meal; served by barge, ship, truck.
CONTACT: Main Office.
Refining cap. 400MT/day; storage cap. 100,000MT; crude degummed soybean oil, edible soy oil products, refined soybean oil; served by barge and truck. Lecithin (edible grade); full fat soy flour; soy oil products, cooking/salad oil.

C. Itoh & Company, Ltd. (Tokyo)

5-1, Kita-Aoyama, 2-Chome, Minatoku, C.P.O.
Box 136, Tokyo 100-91, JAPAN;
PH: 81/3/3497-6068; FAX: 81/3/3497-6085;
TLX: J23111 (ITOHCHU).
CONTACT: Tatsuo Inoue
IMPORTER: Soybeans; soy oil (crude & refined); soy meal.

Kikkoman Corporation *SF*

1-25, Nishikicho, Kanda, Chiyoda-ku,
Tokyo 101, JAPAN;
PH: 81/03/3233-5511.
CONTACT: Harehisa Yamano, Public Relations
Soyfoods, KIKKOMAN soy sauce.

Marukin Shoyu Company, Ltd. *SF*

1-2-5, Shinkawa, Chuo-ku, Tokyo 104, JAPAN;
PH: 81/03/3551-9101.
CONTACT: Sadaaki Goto
Soyfoods, MARUKIN soy sauce.

Marusan-Ai Company, Ltd. *SF*

1 Arashita Niki-cho, P.O. Box 444-21,
Okazaki, Aichi, JAPAN;
PH: 81/0564/45-3111 or 45-6607.
CONTACT: Mitshuiro Isomura
Soyfoods, MARUSAN TONYU frozen desserts (ice cream made from soymilk); MARUSAN miso; soymilk, drinks or beverages; NEMBE soynuts (whole soybean snacks); TAMARI soy sauce; SUKOYAKA tempeh; MARUSAN tofu.

Mitoku Company Ltd. ★ *SF*

Room 257, Tokyo Bldg., 2-7-3 Marunouchi,
Chiyoda ku, C.P.O. Box 780,
Tokyo 100-91, JAPAN;
PH: 81/3/3201-6701; FAX: 81/3/3201-6708;
TLX: 34698 (DAISHO J).
CONTACT: Christopher Dawson, Dir., Int'l. Sales & Mkting.
Soyfoods, MITOKU, ONOZAKI, JOHSEN, MANSAN, HATCHO miso; SUPERSOY soymilk., drinks or beverages; JOHSEN, MANSAN, SAKAE soy sauce; SNOW-DRIED TOFU, tofu & tofu products. **EXPORTER**: Johsen shoyu; Sakae shoyu; Mansan organic tamari; Johsen miso; Onozaki miso; Hatcho miso; Mansan miso; Mitoku macrobiotic shoyu & miso; **IMPORTER**: Organic soybeans.

C = Soybean Processor (Crusher)
R = Soybean Oil Refiner

SF = Edible Soy Products/Soyfoods
IP = Industrial Soy Products

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Mitsubishi Chemical Industries, Ltd. *SF*
5-2, Marunouchi, 2-Chome, Chiyoda-ku,
Tokyo 100, JAPAN;
PH: 81/03/3283-6438;
FAX: 81/03/3283-6439.
OTHER OFFICES: Kurashiki-shi (mfg.)
CONTACT: Nobuhiko Sano, Gen. Mgr., Purchasing Dept.
Soyfoods, MAPRON soymilk.

Nikka Fats & Oils Company, Ltd.
MAIN OFFICE: Meiji Life Insurance Bldg., 1-5-16 Edobori, Nishi-ku, Osaka 550, JAPAN;
PH: 81/06/441-7431.
OTHER OFFICES: Fukuoka, Nagoya, Osaka, Tokyo (mfg.)
CONTACT: S. Shirakawa, Plant Mgr.

Nikka Fats & Oils Company, Ltd.
C R SF IP
1-8-1, Kitahama, Nakamatsu-ku,
Kitakyushu 808, Fukuoka, JAPAN;
PH: 81/093/761-2635.
CONTACT: Takeshi Hanareiwa, Plant Mgr.
PLANT SUPERINTENDENT: Takeshi Hanareiwa
Continuous screw press, solvent extraction; storage cap. 15,000MT/day; crude soybean oil, hulls, meal; served by truck, barge and ship. Refining cap. 400MT/day; storage cap. 7,000MT; crude degummed soybean oil, refined soybean oil; served by truck, barge and ship. NIKKA MILKY soy flour, S-LIPO full fat soy flour; soy oil products, NIKKA cooking/salad oil; NIKKA ISOPRON soy protein concentrates. BANZAI, TOKSEN-KAIKAMAME soy flour (industrial grade) for feed; soy oil (industrial grade) for paints and inks; soybean fatty acids.

The Nisshin Oil Mills, Ltd. (Japan) *C R SF IP*
23-1, Shinkawa 1-Chome, Chuo-ku,
Tokyo 104, JAPAN;
PH: 81/03/3555-6605.
OTHER OFFICES: Yokohama, Kobe (mfg.)
CONTACT: Takahisa Toyama, Board Dir.
Solvent extraction; crush cap. 3,300MT/day; storage cap. 115,000MT; animal/livestock feed, crude soybean oil, hulls, meal, white flakes for edible purposes; served by barge, rail, ship and truck. Edible soy oil products, fractionated soy oil, hydrogenated soy oil, industrial oil products, refined soybean oil; served by truck, rail, barge and ship. Isolated soy proteins; NISSHIN lecithin (edible grade); simulated meat products (analogs); soy flour; full fat soy flour; textured soy flour; soy grits; soy oil products, cooking/salad oil; margarine; shortening; NISSHIN SOL-P soy protein concentrates; soyfoods, soymilk, drinks or beverages. Lecithin (industrial grade); soy flour/soy protein (industrial grade); soy oil (industrial grade) for paints and inks; soy sterols and tocopherols; soybean fatty acids.

Nissho Iwai Corporation
2-4-5 Akasaka, Minato-ku, Tokyo, JAPAN;
PH: 81/03/3588-3504;
FAX: 81/03/3588-3777.
OTHER OFFICES: New York, NY
CONTACT: Mitsuyuki Nishimura, Mgr.
EXPORTER: Soybeans, soy protein, soy oil, lecithin; **IMPORTER**: Soy protein, shortening.

Protein Technologies International ★★ *SF IP*
1-12-1, Yuraku-Cho, Chiyoda-Ku, Rm. 426,
Shinyurakucho Bldg., Tokyo 100, JAPAN;
PH: 81/03/3214-5936;
TLX: 781/24382 (TOKVAN).
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

San-Jirushi Corporation *SF*
UN Park Building, Ebisu-Nishi 1-19-6,
Shibuya-ku 150, Tokyo, JAPAN;
PH: 03/780-5933; FAX: 03/780-5944;
TLX: 246-6344.
OTHER OFFICES: Mie, Kuwana, JAPAN; San Francisco, CA; Richmond, VA (San-J International, Inc.)
CONTACT: Daikichi Kojima
Soyfoods, miso; soy sauce, tamari & shoyu (liquid & dry); other soy-based foods, specialty sauces.

Showa Sangyo Company Ltd.
MAIN OFFICE: 2-1, 2-Chome, Uchikanda,
Chiyoda-ku, Tokyo 101, JAPAN;
PH: 81/03/3257-2136.
OTHER OFFICES: Kashima, Kobe, Yokohama
CONTACT: Mutsuo Kaneharai, Mgr.,

Showa Sangyo Company, Ltd., Kashima Factory *C R SF IP*
6 Higashi-fukashiba Kamisumachi,
Kashima-gun 314-01, Ibaragi, JAPAN;
PH: 81/0299/92-1212; TLX: 3658-967.
CONTACT: Yoichi Shirose, Factory Mgr.
Solvent extraction; crush cap. 1,570MT/day; storage cap. 101,900MT; animal/livestock feed, crude degummed soybean oil, meal, white flakes for edible purposes; served by barge, rail, ship and truck. Edible soy oil products, industrial oil products, refined soybean oil; served by truck, rail and barge. Lecithin (edible grade); soy flour; soy oil products, cooking/salad oil. Soy flour/soy protein (industrial grade).

Showa Sangyo Company, Ltd., Kobe Factory *C R SF IP*
5 Mikagehama-cho, Higashinada-ku, Kobe 658,
Hyogo, JAPAN;
PH: 078/841-4151; TLX: 5622-253.
CONTACT: Kunio Saito, Mgr.
Solvent extraction; crush cap. 1,100MT/day; storage cap. 135,000MT; animal/livestock feed, crude degummed soybean oil, meal, white flakes for edible purposes; served by barge, rail, truck and ship. Edible soy oil products, industrial oil products, refined soybean oil; served by truck, rail, barge and ship. Soy flour; soy oil products, cooking/salad oil. Soy flour/soy protein (industrial grade).

Showa Sangyo Company, Ltd., Tsurumi Factory *R SF IP*
5-39 Daikokuchou, Tsurumi-ku, Yokohama
230, Kanagawa, JAPAN;
PH: 81/45/504-5570; FAX: 81/511-1370.
CONTACT: Takeshi Kanazawa, Mgr.
Edible soy oil products, industrial oil products, refined soybean oil; served by truck, rail and barge. Soy flour; soy oil products, cooking/salad oil. Soy flour/soy protein (industrial grade).

Snow Brand Milk Products Company, Ltd. *SF*
13 Honshio-cho, Shinjuku-ku,
Tokyo 160, JAPAN;
PH: 81/03/3226-2123.
OTHER OFFICES: Atugi, Osaka (mfg.)
CONTACT: Tsuguo Itoh, Mgr., Int'l. Dept.
Soy oil products, SNOW BRAND margarine; SNOW BRAND shortening.

Sumitomo Corporation ★
Sumitomo Kurita Building, 24-1,
Kandanisikicho 3-Chome, Chiyoda-ku, P.O. Box
1524, Tokyo 100-91, JAPAN;
PH: 81/03/3296-2752; FAX: 81/03/3296-3549; TLX: J22202 (SUMIT).
CONTACT: Susumo Ono, Mgr., Soybean & Rapeseed Sect.
IMPORTER: Soybeans; soybean oil; soybean meal.

Torigoe Flour Milling Company, Ltd. *SF*
Fukuoka Factory, 6-8-8 Hakozaki Futo, Higashi-ku, Fukuoka 812, JAPAN;
PH: 81/92/651-3121; FAX: 81/92/651-7478.
CONTACT: Shinji Ito, Plant Mgr.
PLANT SUPERINTENDENT: Shinji Ito
Soyfoods, TORIGOE GOLD tempeh.

Toshoku Ltd. ★★
2-4-3 Muromachi, Nittonbashi, Choo-Ku, Tokyo
103, JAPAN;
PH: 81/3/3245-2317;
FAX: 81/3/3245/2367.
CONTACT: Mr. K Motomura
IMPORTER: Soybeans;

Toyo Oil Mills Company, Inc.
C R SF IP
Subsidiary of Ajinomoto Co. Inc., Tokyo
230-ban, Shinminato, Chiba-shi 260, JAPAN;
PH: 81/0472/411251.
CONTACT: Shinichi Takayama, Man. Dir.
Solvent extraction; crush cap. 3,000MT/day; storage cap. 83,000MT; hulls, meal, white flakes for edible purposes; served by truck, barge and ship. Refining cap. 720MT/day; storage cap. 10,000MT; crude degummed soybean oil, edible soy oil products, once refined soybean oil; served by truck, barge and ship. Lecithin (edible grade).
CONTACT: Tasuku Oshima, Supt.
Soybean fatty acids.
CONTACT: Dieter Berres.

Yamasa Shoyu Company, Ltd. *SF*
1-23-8, Kakigaracho, Nihonbashi, Chuo-ku,
Tokyo 103, JAPAN;
PH: 81/03/3668-3171.
CONTACT: Junpei Taguchi, Man. Dir.
Soy oil products, cooking/salad oil.

Yoshihara Oil Mill, Ltd. *SF*
MAIN OFFICE: Mitsuwa Ogawamachi Bldg. 3-7-1, Kanda Ogawamachi, Chiyoda-Ku,
Tokyo, JAPAN;
PH: 81/03/3291-2632; FAX: 81/03/3291-2640; TLX: 222-2301.
OTHER OFFICES: Kobe, Hyoogo, JAPAN (mfg.)
CONTACT: Yasuo Kitamura, Gen. Mgr., Oilseeds Dept.
Soy oil products, cooking/salad oil.

Yoshihara Oil Mill, Ltd. *C R SF*
49 Fukaehamamachi, Higashinada-Ku, Kobe,
Hyoogo, JAPAN;
PH: 81/078/451-4001; FAX: 078/452-3309.
CONTACT: Yasuo Kitamura, Gen. Mgr., Oilseeds Dept.
Solvent extraction; crush cap. 1,500MT/day; storage cap. 40,000MT; crude degummed soybean oil, crude soybean oil, meal, white flakes for edible purposes; served by truck, barge and ship. Refining cap. 300MT/day; crude degummed soybean oil, edible soy oil products, refined soybean oil; served by truck and ship. Soy oil products, GOLDEN SALAD OIL cooking/salad oil.

KOREA, REPUBLIC OF (SOUTH)

Cheil Food & Chemical Company, Ltd. *C R SF IP*

150, 2-Ka, Taepyong-Ro, Samsung Life Bldg.,
17th Floor, Chung-ku, Seoul 100, KOREA,
REPUBLIC OF (SOUTH KOREA);
PH: 82/2/7518-516; FAX: 82/2/7518-529.
CONTACT: Jung S. Kim, Pres. or Joo H. Kim, Dir., Feedstuffs and Oilseeds.
Solvent extraction; crush cap. 1,200MT/day; storage cap. 20,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, hulls, meal, white flakes for edible purposes; served by truck and ship. Refining cap. 250MT/day; storage cap. 6,500MT; refined soybean oil; served by truck and ship. Lecithin (edible grade); soy flour; soy grits; soy oil products, cooking/salad oil. Lecithin (industrial grade); soybean fatty acids.

Dong Bang Corporation ★ *C R SF IP*

2, 4-Ka, Yangpyung-Dong, Youngdeungpo-Ku,
C.P.O. 3031, Seoul 150-104, KOREA,
REPUBLIC OF (SOUTH KOREA);
PH: 82/2/676-9121; FAX: 82/2/675-4961 or 675-7339; TLX: K27334 (DBCORP).
OTHER OFFICES: Inchon; Chinhae; Pusan
CONTACT: Jang Hong Yoo, Dir.
Solvent extraction; crush cap. 2,225MT/day; storage cap. 64,000MT; crude degummed soybean oil,soybean meal; served by ship and truck. Refining cap. 500MT/day; storage cap. 15,000MT; crude degummed soybean oil, refined soybean oil, hydrogenated soy oil; served by truck. Simulated meat products (analogs); HAEPYO soy flour; HAEPYO textured soybean protein; soy oil products, HAEPYO cooking/salad oil; HAEPYO salad dressing. Lecithin (industrial grade) for animal feed; HAEPYO soy flour/soy protein (industrial grade) for textured soy protein; soybean fatty acids. **EXPORTER**: Soybean oil; soybean meal; soybean protein; **IMPORTER**: Soybeans (yellow).

Dong Bang Corporation *C R SF IP*

178-116, Gajwa-dong Seo-ku, Incheon 404-251, KOREA, REPUBLIC OF (SOUTH KOREA);
PH: 82/032/575-4581;
FAX: 82/032/576-2263.
CONTACT: Jang Hong Yoo, Dir.
Solvent extraction; crush cap. 1,000MT/day; storage cap. 24,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, meal, white flakes for edible purposes; served by truck and ship. Refining cap. 200MT/day; storage cap. 4,000MT; refined soybean oil; served by truck HAEPYO soy flour; soy oil products, HAEPYO cooking/salad oil; textured soy protein. HAEPYO soy flour/soy protein (industrial grade) for textured soy protein; soybean fatty acids.

Dong Bang Corporation *C R SF IP*

468 Yi-dong, Chinhae 645-290, KOREA,
REPUBLIC OF (SOUTH KOREA);
PH: 82/0553/43-7421;
FAX: 82/0553/42/3084.
CONTACT: Jang Hong Yoo
Solvent extraction; crush cap. 1,225MT/day; storage cap. 46,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, meal, white flakes for edible purposes; served by truck and ship. Refining cap. 300MT/day; storage cap. 7,600MT; crude degummed soybean oil, edible soy oil products; served by truck. Simulated meat products (analogs); HAEPYO soy flour; HAEPYO textured soy protein; soy oil products, HAEPYO cooking/salad oil; HAEPYO salad dressing. Lecithin (industrial grade) for animal feed); HAEPYO soy flour/soy protein (industrial grade) for textured soy protein.

Dr. Chung's Foods Company, Ltd. *SF*

1318-2, Kinam Bldg., Seocho-dong,
Seocho-ku, Seoul 135, KOREA, REPUBLIC OF
(SOUTH KOREA);
PH: 82/2/553-0821; FAX: 82/2/553-0838;
TLX: 29560 (VEGEMIL K).
CONTACT: Kyong M. Kim, Pres.
Soyfoods, VEGEMIL A, B and C, APPLE WOOREAN, CHOCO WOOREAN soymilk, drinks or beverages. **EXPORTER**: VEGEMIL and WOOREAN soy beverages.

Protein Technologies International, Inc. ★★ *SF IP*

Subsidiary of Ralston Purina
116-3 Samsung Dong, Kangnam-Ku, Seoul,
KOREA, REPUBLIC OF (SOUTH KOREA);
PH: 822.569.5111; FAX: 822.569.5114.
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

Sam Lip Oil & Fats Company, Ltd. ★ *SF*

159-25 Usanri Yang San Eub, Yang San-Gun,
Kyong Sang Nam-do 60010, KOREA, REPUBLIC
OF (SOUTH KOREA);
PH: 82/051/84-1201 5; TLX: 787-22153 (ANGELLA K); FAX: 82/051/82/6622.
CONTACT: Kim Jin Yong, Dir.
PLANT SUPERINTENDENT: Kim Jin Yong
Soy oil products, DIET-33 low calorie margarine, DUNKIN'S FRYING shortening.

Sam Yang Oil & Feed Company, Ltd. *C R*

51-1, Susong-cong, Jongro-gu, Seoul 110,
KOREA, REPUBLIC OF (SOUTH KOREA);
PH: 82/2/735-8951; FAX: 82/2/733-6180.
CONTACT: Hea S. Chun, Pres.
Solvent extraction; crush cap. 700MT/day; storage cap. 15,000MT; crude degummed soybean oil, meal; served by truck. Refining cap. 120MT/day; storage cap. 1,000MT; refined soybean oil; served by truck.

KUWAIT

Mubarakiah Poultry & Feed Company ★

P.O. Box 24418, Safat 13105, KUWAIT;
PH: 965/484-1786 or 965/484-1983 or 965/484-9085; FAX: 965/484-5634;
TLX: 44556 (POULTCO KT).
CONTACT: Abdul M. Al-Farhan, Man. Dir.
IMPORTER: Soyabean meal, 48% minimum protein; degummed soya bean oil in drums.

MALAYSIA

Dindings Soya & Multifeeds Sdn. Berhad *C IP*

Wisma MCA, 10th Floor, 163 Jalan Ampang,
P.O. Box 10537,
Kuala Lumpur 50450, MALAYSIA;
PH: 60/03/261-9055; FAX: 60/03/261-0502;
TLX: (MA) 30378 (FLOUR).
CONTACT: Teh L. Teik, Chman.
Full fat extrusion; crush cap. 35MT/day; storage cap. 10,000MT; animal/livestock feed; served by rail, ship and truck. Full fat soy flour/soy protein (industrial grade) for animal feeds.
CONTACT: Teh W. Khiang.
IMPORTER: Soybeans; soybean meal.

Pasir Gudang Edible Oils Sdn. Bhd. *C R*

P.O. Box 80, Pasir Gudang 81707,
Johore, MALAYSIA;
PH: 60/07/512011; FAX: 60/07/511079;
TLX: 60678 (PGEOPG MA).
CONTACT: Kwok Kian Hai, Gen. Mgr.
Solvent extraction; crush cap. 500MT/day; storage cap. 20,000MT; crude degummed soybean oil, meal; served by rail, truck and ship. Refining cap. 400MT/day; storage cap. 3,000MT; crude degummed soybean oil, refined soybean oil; served by truck and ship.

Protein Technologies International, Inc. ★★ *SF IP*

Subsidiary of Ralston Purina
8th Floor MUI Plaza, Jalan P. Ramlee, 50200
Kuala Lumpur, MALAYSIA;
PH: 603/244.5730; FAX: 603/244/4409;
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

Soon Soon Oilmills SDN BHD ★ *C R IP*

Affiliate of Soon Soon SDN BHD
MAIN OFFICE: 2448 Lorong Perusahaan Dua,
Prai Industrial Estate, P.O. Box 300,
Butterworth 12720, Penang, MALAYSIA;
PH: 60/4/307277; FAX: 60/4/308197; TLX: (MA) 47274 (SSOON).
CONTACT: Soon-Bin Neoh, Man. Dir.
Solvent extraction; crush cap. 700MT/day; storage cap. 27,000MT; crude degummed soybean oil, meal; served by ship and truck.
CONTACT: Hooi-Hon Lim.
Refining cap. 120MT; storage cap. 5,500MT; industrial oil products, refined soybean oil; served by truck and ship. Soy oil (industrial grade); soybean fatty acids.

Yeo Hiap Seng (M) BHD ★ *SF*

7 Jalan Tandang, Petaling Jaya 46050,
Selangor, MALAYSIA;
PH: 60/03/571-3733; FAX: 60/03/791-3509.
OTHER OFFICES: Petaling Jaya, Selangor, MALAYSIA
CONTACT: C. T. Lim, Group Business Mgr.
Soyfoods, YEO's soymilk, drinks or beverages; YEO's soy sauce.
CONTACT: Chan Zee Cheng.

C = Soybean Processor (Crusher)
R = Soybean Oil Refiner
SF = Edible Soy Products/Soyfoods
IP = Industrial Soy Products
★ Updated Listing
★★ New Listing

MALTA

Andrews Feeds (Malta) Ltd.

Affiliate of Andrews Milling Ltd., N. IRELAND
Valletta Road, Luqa, P.O. Box 433,
Valletta, MALTA;
PH: 0356/621735; FAX: 0356/232163.
CONTACT: Joseph De Battista, Man. Dir.
IMPORTER: Soyabean meal for the production of balanced animal feeds.

MEXICO

Aceitera Matamoros, S.A. de C.V. ★ *C R SF*

Affiliate of La Polar, S.A. de C.V.
Av. Uniones S/N, Ant. Zona Industrial, P.O. Box 476, Matamoros 87310,
Tamaulipas, MEXICO;
PH: 52/891/38942 or 891/38943;
TLX: 35016 (AMATME).
CONTACT: Pablo Peñaloza Garcia, Mgr.
Continuous screw press, solvent extraction; crush cap. 300MT/day; storage cap. 21,000MT; crude degummed soybean oil, meal; served by rail and truck. Storage cap. 6,600MT; crude degummed soybean oil, edible soybean oil. Lecithin (edible grade) for baking and ice cream.

Aceites del Mayo S.A. de C.V. *C*

Carretera Mexico-Nogales, Km. 1778 ,
Apartado Postal 639, Navojoa 85800,
Sonora, MEXICO;
PH: 52/642-23434, 642-23663, 642-23434;
FAX: 52/642-27985; TLX: 055626 (ACESME).
CONTACT: Enrique Gamiz, Gen. Mgr.
Solvent extraction; crush cap. 550MT/day; storage cap. 45,000MT; crude soybean oil, meal; served by rail and truck.

Aceites Industriales El Zapote *C R SF*

Presidente Juarez 201,
Mexico City 54090, D.F., MEXICO;
PH: 52/398/9900-011525; FAX: 52/525/398-9329; TLX: 172613 (ELZAME).
OTHER OFFICES: Houston, TX
CONTACT: Eugenio Gomez
Solvent extraction; crush cap. 250MT/day; crude soybean oil; served by truck. Refining cap. 450MT; crude degummed soybean oil, edible soy oil products, hydrogenated soy oil, once refined soybean oil; served by truck. Soy oil products, cooking/salad oil; salad dressing; shortening, supplier of soybeans for food use;
EXPORTER: Crude soy oil.

Aceites y Derivados del Pacifico S.A. *C IP*

Affiliate of Grupo Ragasa
Carretera Hermosillo, Nogales No. 2125, P.O. Box 312, Hermosillo 83000, Sonora, MEXICO;
PH: 52/621/42215; TLX: 058854 (AYDP ME).
CONTACT: Jose L. Aguilar, Gen. Mgr.
Solvent extraction; crush cap. 250MT/day; storage cap. 30,000MT; crude soybean oil; served by rail and truck. Soy flour/soy protein (industrial grade); soy oil (industrial grade).

Anderson Clayton *C R SF IP*

MAIN OFFICE: Blvd. M. Avila Comancho, No. 1-5ª Piso, Col. Lomas de Chapultepec 11000,
Mexico D.F., MEXICO;
PH: 52/5/557-73-22; FAX: 52/5/540-65-10.
OTHER OFFICES: Tultitlan (mfg.)
CONTACT: J. H. A. Knotlenbelt, Pres.
Animal/livestock feed, crude soybean oil. edible soy oil products, industrial soy oil products, refined soybean oil. Soy oil products, shortening

Anderson Clayton *C R SF IP*

Autopista Mexico Queretaro, Km. 33.5,
Tultitlan 54900, MEXICO;
PH: 52/872-38-84 or 565-40-33;
FAX: 52/872-67-30.
CONTACT: Jose Luis Garcia, Plant Mgr.
PLANT SUPERINTENDENT: Jose Luis Garcia
Solvent extraction; crush cap. 1,100MT/day; storage cap. 104.5MT; animal/livestock feed, crude soybean oil; served by rail and truck. Refining cap. 300MT/day; storage cap. 104.5MT; edible soy oil products, industrial oil products, refined soybean oil; served by truck and rail. Soybean oil products, shortening. Soy oil (industrial grade) for the baking industry.

Avicultores y Productores El Calvario S.A. de C.V. (APECSA) *C R*

Carretera Tehuacan-Teotitlan, Km. 8 1/2,
Apartado Postal 88, Tehuacan,
Puebla 75700, MEXICO;
PH: 52/238/30200; FAX: 52/238-30398;
TLX: 1762057 (APEC ME).
OTHER OFFICES: Mexico City
CONTACT: Arturo G. Rodriguez, Gen. Mgr.
Solvent extraction; crush cap. 600MT/day; crude soybean oil, meal; served by truck. Refining cap. 110MT/day; crude degummed soybean oil, refined soybean oil; served by truck.

Derivados de Oleaginosas del Valle S.A. de C.V. *R SF*

Affiliate of Molinos Union del Yazul S.A. de C.V.
Av. Miguel Aleman #703, Sur Altos, P.O. Box 356, Cuidad Obregon 85000, Sonora, MEXICO;
PH: 52/641/46-567 or 46-765;
FAX: 52/641/46-050.
CONTACT: Alberto Matiella, Gen. Mgr.
Refining cap. 70MT/day; storage cap. 1,500MT; crude degummed soybean oil, edible soy oil products; served by rail, truck. DOVSA lecithin (edible grade); soy oil products, cooking/salad oil.

Distribuidora Veterinaria del Pacifico, S.A. de C.V. ★

Otero 306 Nte., Navojoa 85800,
Sonora, MEXICO;
PH: 52/642/26318 or 642/27418;
FAX: 52/642/22350.
OTHER OFFICES: Hermosillo, Sonora; Culiacan, Sinaloa.
CONTACT: Fernando Valenzuela
EXPORTER: Animal/livestock feed; soybean meal.

J. L. Escamilla Comisiones y Representaciones

Paseo de la Reforma 76-1302, P.O. Box 775,
Mexico 06000, D.F., MEXICO;
PH: 52/905/546-1887 or 546-1921; FAX: 52/905/5/535-2436; TLX: 1774446 (JLEPME).
CONTACT: Jose L. Escamilla, Dir.
Broker, cash/product.

Grupo Trasgo

Valle de Guadiana Esq., 4 Cienegas, Zona Industrial, Gomez Palacio, Durango, MEXICO;
PH: 52/17/16-22-00; FAX: 52/17/16-57-29.
OTHER OFFICES: Durango (Proteinas Industriales La Laguna (mfg.)
CONTACT: Rafael V. Attolini

Hidrogendora Nacional, S.A. de C.V. *R SF IP*

Rio Lerma #150, Tlalnepantla,
Edo. de Mexico, MEXICO;
PH: 52/565-01-03; FAX: 52/390-93-42
Refining cap. 150MT/day; storage cap. 6.2MT; edible soy oil products, refined soybean oil; served by truck and rail. Soy oil products, cooking/salad oil; shortening. Soy oil (industrial grade).

Industrial Aceitera S.A. *C R SF*

Km. 20.5, Carretera Cuautitlan, Apartado 182,
Tlalnepantla 54000, MEXICO;
PH: 52/905/572-0799; FAX: 52/905/562-8127; TLX: 172656 (IASAME).
CONTACT: Hector Garcia Padilla, Oper.Mgr.
Solvent extraction; crush cap. 350MT/day; storage cap. 60,000MT; crude degummed soybean oil, hulls, meal; served by rail and truck. Refining cap. 600MT/day; storage cap. 17,000MT; edible soy oil products; served by rail and truck. Soy oil products, NINA cooking/salad oil.

Industrial de Alimentos, S.A. ★★ *C SF IP*

Poniente 146, No. 789, Ind. Vallejo, 02300
Mexico, D.F., MEXICO;
PH: 52/5/567-9475; FAX: 52/5/567-0373.
CONTACT: Luis Miguel Aguilar, Gen. Mgr.
PLANT SUPERINTENDENT: Manuel Garcia Mendez G.
Solvent extraction; crush cap. 15MT/day; storage cap. 300MT; crude soybean oil, white flakes for edible purposes; served by truck. Simulated meat products (analogs); soy flour, full fat soy flour; textured soy flour; soy grits; soyfoods, soymilk, drinks or beverages.
CONTACT: Luis M. Aguilar
Full fat soy flour/soy protein (industrial grade) for fermentations; soy oil (industrial grade) for paints.

La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A. *C R SF IP*

Av. Manuel Gonzalez 165, Col. Atlampa,
Mexico 06450, D.F., MEXICO;
PH: 52/905/583-4022;
TLX: 1772498 (POLA ME).
OTHER OFFICES: Ciudad Obregon, Sonora; Matamoros, Tamaulipas (Plants)
CONTACT: Diego Gutierrez, Pres.
Solvent extraction; crush cap. 900MT/day; storage cap. 80,000MT; crude degummed soybean oil, hulls, meal, white flakes for edible purposes; served by barge, rail and truck. Refining cap. 140MT/day; storage cap. 6,000MT; crude degummed soybean oil, edible soy oil products, fractionated soy oil, hydrogenated soy oil, industrial oil products, refined soybean oil; served by truck and rail. Isolated soy proteins; lecithin (edible grade); soy flour; soy oil products, cooking/salad oil; shortening. Lecithin (industrial grade); soy flour/soy protein (industrial grade); soy oil (industrial grade).

Liga Mexico Panamericana Medico Educacional A.G. *SF*

Carretera Navojoa-Huatabampo, Km. 13,
Apartado Postal #502, Navojoa 85800,
Sonora, MEXICO;
PH: 52/642/24130.
CONTACT: Manuel Rubio, Gen. Mgr.
PLANT SUPERINTENDENT: Pedro M. Sanchez
SOYAPAC simulated meat products (analogs) (beef, chicken and chorizo flavors), TRISOY breakfast cereal; NUTRISOY full fat soy flour; soyfoods, SOYALAC fresh sovmilk, drinks or beverages.

Molinos Union del Yaqui S.A. de C.V. ★ *C*

Av. Miguel Aleman No. 701 South, Apartado Postal 327, Ciudad Obregon 85000,
Sonora, MEXICO;
PH: 52/641/52270; FAX: 52/641/46050;
TLX: 552813 (MUYME).
CONTACT: Ramon Rivera Felix, Gen. Mgr.
Continuous screw press, solvent extraction; crush cap. 500MT/day; storage cap 150,000MT; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail and truck.

Negociacion Industrial Santa Lucia S.A. *C R SF*

Av. Heroes de Nocupetaro No. 1022, P.O. Box 77, Morelia 58130, Michoacam, MEXICO;
PH: 52/451/20175; TLX: 69644 (NISL ME).
CONTACT: Fernando Trevino, Tech. Mgr.
Solvent extraction, continuous screw press; crush cap. 110MT/day; storage cap. 7,500MT; meal; served by rail and truck. Refining cap. 65MT/day; storage cap. 1,400MT; crude soybean oil, edible soy oil products, hydrogenated soy oil, refined soybean oil; served by truck and rail. Soy oil products, SANTA LUCIA, DALIA, CAMPANA shortening.
CONTACT: Ramon Flores.

Nestle, S.A. de C.V. *SF*

Ejercito Nacional Mexicano No. 453,
Mexico D.F. 11520, MEXICO;
PH: 52/915/250-9944;
FAX: 52/915/254-8264.
CONTACT: Felix M. Cabrera, Subdir.
PLANT SUPERINTENDENT: Daniel S. Valdivia
Soyfoods, soymilk, drinks or beverages; spray-dried soymilk.

Oleaginosas del Sureste S.A. *C R SF*

Avenida Acero No. 103, Villahermosa 86010, Tabasco, MEXICO;
PH: 52/931/295-79 or 249-00;
FAX: 52/931/246-23.
OTHER OFFICES: Mexico City, D.F.
CONTACT: Jorge L. Ovando Ortega, Gen. Mgr.
Solvent extraction; crush cap. 200MT/day; storage cap. 4,000MT; crude degummed soybean oil, crude soybean oil, hulls, meal; served by truck. Refining cap. 30/40MT/day; storage cap. 240MT; crude degummed soybean oil, edible soy oil products, hydrogenated soy oil, refined soybean oil; served by truck. Soy oil products, FRUGAL cooking/salad oil; OSSA M20, M09, M1 shortening.

Oleoproteinas del Sureste S.A. de C.V. *C R SF*

Ave. Cabalan Macari #409, Postal 230, Merida 97288, MEXICO;
PH: 52/992-39822; FAX: 52/992-82483.
CONTACT: Raul Tamayo, Gen. Mgr.
Solvent extraction; crush cap. 600MT/day; storage cap. 20,000MT; animal/livestock feed, crude soybean oil; served by rail and truck.
CONTACT: Jorge Goff.
Refining cap. 200MT/day; edible soy oil products, hydrogenated soy oil; served by rail and truck. Lecithin (edible grade); soy oil products, cooking/salad oil; shortening.

Productos Alimenticios Delicias S.A. de C.V. *SF*

Apartado Postal 376, Zona Industrial Oriente, Delicias 33000, Chihuahua, MEXICO;
PH: 52/911/472-3093.
CONTACT: Mario Vega Pineda, Gen. Mgr.
Full fat soy flour.

Promagri S.A. de C.V.

Francisco Nicodemo Núm. 210-1, Col. Smith, Tampico 89140, Tamaulipas, MEXICO;
PH: 91/12 13-25-90.
OTHER OFFICES: Mante, Tamulipas, MEXICO
CONTACT: Benito Arguello-Rey, Gen. Dir.
Soybean seed supplier.

Protein Technologies International, Inc. ★★ *SF IP*

Subsidiary of Ralston Purina
Ing. Militares 105, Col. Lomas de Sotelo, 11200 Mexico, D.F., MEXICO;
PH: 525/395-9190 or 557-1888;
FAX: 525/395-8303.
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

Proteinas Basicas, S.A. de C.V. ★ *C IP*

Affiliate of Grupo Ragasa
Km. 1 Carretera Monterrey, Antiguo Sendero Nacional, Matamoros, Tamps., MEXICO;
PH: 52/891/39991;
FAX: 52/891/39694; TLX: 35845.
CONTACT: Francisco Belden Fdz.
Crush cap. 1,200MT/day; storage cap. 75,000MT; crude soybean oil, hulls, meal; served by rail and truck. Full fat soy flour/soy protein (industrial grade) for animal/livestock feed; soy oil (industrial grade) for soap.

Proteinas Industriales La Laguna, S.A. de C.V. *C SF*

Boulevard Presidente Aleman, Km. 11.40, Gomez Palacio 35000, Durango, MEXICO;
PH: 52/17/16-80-92; FAX: 52/17/16-27-71.
CONTACT: Jorge E. Attolini
Solvent extraction; crush cap. 600MT/day; storage cap. 74.6MT; animal/livestock feed, crude soybean oil, edible soy oil products; served by rail and truck. Soy oil products, cooking/salad oil, shortening.

Proteinas Naturales, S.A. de C.V. *C IP*

Affiliate of Ragasa Group
Frente A Km. 502, Via Tampico-Monterrey, P. O. Box 1610, Monterrey 64000, Nuevo Leon, MEXICO;
PH: 52/83/792244 or 792286;
TLX: 383258 (PRONME).
CONTACT: Alejandro G. Garcia, Gen. Mgr.
Crush cap. 1,000MT/day; storage cap. 55,000MT; crude soybean oil, hulls, meal; served by rail and truck. Full fat soy flour/soy protein (industrial grade); for animal/livestock feed; soy oil (industrial grade); to produce lubricants (soap).

Proteinas y Aceites del Bajio, S.A. de C.V. (PROTABSA) *C*

Affiliate of Hidrogenadora Nacional S.A.
Carretera Panamericana, Km. 254, P.O. Box 87, Apaseo el Grande GTO, Guanajuato, MEXICO;
PH: 52/461/374-00; FAX: 52/461/375-00.
CONTACT: Frederico R. Alyarez
PLANT SUPERINTENDENT: Francisco Rodriguez
Solvent extraction; crush cap. 500MT/day; storage cap. 18,000MT; crude soybean oil, hulls, meal; served by rail and truck.

Proteinas y Lacteos de Mexico, S.A., (Prolak) ★★

Affiliate of Grupo Roda
Hidalgo 1870 Ote., Torreon, Coahuila, 27000 MEXICO;
PH: 52/17/18-0712;52/52/17/18-8283; 52/17/18-9798; FAX: 52/17/18-0405
CONTACT: Blanca V. Wong, Marketing Director
IMPORTER: Archer Daniels Midland's soy protein isolates; ardex, profam, propig, procaif flour.

Quimica Sumex, S.A. de C.V.

Affiliate of Süd Chemie, A.G. (Munich, FEDERAL REPUBLIC OF GERMANY)
Conjunto Plaza Inn, Av. Insurgentes Sur #1971, Apartado Postal 19-201, Mexico City 01030, D. F., MEXICO;
PH: 52/5/548-6720 or 548-6721 or 548-6722; FAX: 52/5/548-3344; TLX: 1771707 (OSUXME) or 1771020 (SUMXME).
OTHER OFFICES: Mexico City, MEXICO (Comercial Sumex, S.A. de C.V.)
CONTACT: Gerardo Feldhaus, Comm. Dir.
Broker, cash/product.

Agro Servicios Ragasa, S.A. de C.V. ★ *C IP*

Affiliate of Ragasa Group
Av. Pres. Ruiz Cortines, No. 257 Pte., P.O. Box 45, Monterrey 64290, Nuevo Leon, MEXICO;
PH: 52/83/515700; FAX: 52/83/515342.
CONTACT: Enrique R. Garcia Fernandez, Pres.
Solvent extraction; crush cap. 750MT/day; storage cap. 50,000MT; animal/livestock feed, crude soybean oil, hulls, meal; served by rail and truck.
CONTACT: J.G. Perez.
Full fat soy flour/soy protein (industrial grade) for poultry and hog feed.

MOROCCO

Les Huileries de Meknes *R*

Quartier Sidi Said, Meknes 2021, MOROCCO;
PH: 212/553-1482; FAX: 212/553-2731;
TLX: 31034 (HUIL MEK).
CONTACT: Eddaoudi Hassan, Mgr. Dir.
Refining cap. 120MT/day; storage cap. 6,000MT; edible soy oil products; refined soybean oil; served by ship and truck.

Societe d'Exploitation Des Produits Oleagineux (SEPO) *C R*

2 Rue du Caporal Corbi, B.P. 3094, Casablanca 05, MOROCCO;
PH: 212/241096; TLX: 25076.
CONTACT: Mohamed Ali Boukhrissi, Dir.
Solvent extraction; crush cap. 350MT/day; meal; served by truck. Refining cap. 100MT/day; crude soybean oil, refined soybean oil; served by truck.

C = Soybean Processor (Crusher)
R = Soybean Oil Refiner

SF = Edible Soy Products/Soyfoods
IP = Industrial Soy Products

★ Updated Listing
★★ New Listing

NEPAL

Indreni Soyabean Industries ★★ *SF*
Affiliate of Indovita Proteins (P) Ltd.
Lalitpur Saibu, Katmandu, NEPAL;
PH: 11/842217 or 8722950;
FAX: 11/6866720 or 8713609.
OTHER OFFICES: Ghaziabad, INDIA
CONTACT: Vishnu Agarwal
PLANT SUPERINTENDENT: Anil Gupta
Soyfoods, SUPER SOY soymilk, drinks or beverages; SUPER SOY (Soya Paneer) tofu & tofu products; SUPER NUTS fried/roasted soynuts (whole soybean snacks); other soy-based foods, SUPER SOY yogurt; burger vegetables; tea snacks.

Shree Shiv Shakti Ghee Udyog Pvt. Ltd. ★ *R SF*
Affiliate of the Sikaria Organization
P.O. Box 25, Birganj, Narayani Zone, NEPAL;
PH: 977/51/21674; FAX: 977/51/21673;
TLX: 4007 (SIKRIA NP).
OTHER OFFICES: Kathmandu
CONTACT: Dwarka P. Sikaria, Man. Dir.
PLANT SUPERINTENDENT: A. K. Mitra
Refining cap. 40MT/day; storage cap. 1,200MT; hydrogenated soy oil, refined soybean oil; served by truck. Soy oil products, VEGETABLE GHEE margarine (shakti brand).

NETHERLANDS

A.D.M. Europoort B.V. ★ *C R SF*
Affiliate of Archer Daniels Midland Company
Elbeweg 125, 3198 LC Europoort Rt.,
Europoort, NETHERLANDS;
PH: 31/18/1963-055; FAX: 31/18/1962-831;
TLX: 29662 (ADM NL).
OTHER OFFICES: Little Rock, AK; Augusta, Valdosta, GA; Des Moines, IA; Frankfort, IN; Champaign, Decatur, Galesburg, Granite City, Taylorville, IL; Fredonia, KS; Mankato, MN; N. Kansas City, Mexico, MO; Clarksdale, MS; Fremont, Lincoln, NE; Fostoria, OH; Kershaw, SC; Windsor, Ontario, CANADA (ADM Agri-Industries, Ltd. d/b/a/ Maple Leaf Monarch); Spyck, GERMANY (ADM Oelmuehlen GmbH); Rotterdam, NETHERLANDS (A.D.M. Company Europe).
CONTACT: William Groenenboom, Mgr.
Solvent extraction; crude degummed soybean oil, crude soybean oil, hulls, meal. Crude degummed soybean oil, edible soy oil products, hydrogenated soy oil, refined soybean oil. Lecithin (edible grade); isolated soy proteins; soy flour; soy grits.

Algemene Oliehandel (AOH)
~~Maliebaan 68,~~
Utrecht 3581 CV, NETHERLANDS;
PH: 31/30/334514; FAX: 31/30/42102;
TLX: 40710 (AOH).
CONTACT: W. A. Knetemann, Dir.
Broker, cash/product;

Cargill B.V. ★ *C R SF*
Affiliate of Cargill Inc., U.S.A.
Coenhavenweg 2, P.O. Box 8074, Amsterdam 1005 AB, NETHERLANDS;
PH: 31/20/5801911; FAX: 31/20/866611;
TLX: 14081 (CGL NL).
OTHER OFFICES: Rotterdam, NETHERLANDS
CONTACT: George Henni, Gen. Mgr.
Solvent extraction; crush cap. 3,300MT/day; animal/livestock feed, crude degummed soybean oil, hulls, meal, white flakes for edible purposes; served by barge, rail, ship and truck.
CONTACT: Berthold Schaap.
Refining cap. 500MT/day; refined soybean oil; served by barge, rail, ship and truck.
CONTACT: Martin Verploegh.
Simulated meat products (analogs), textured soy flour; soy grits; textured soy proteins.
CONTACT: Peter deWit.

Central Soya Overseas B.V., Chemurgy Div. ★ *SF IP*
Affiliate of Central Soya Company
Veerlaan 17-23, P.O. Box 5063,
Rotterdam 3008 AB, NETHERLANDS;
PH: 31/010/423-9600; FAX: 31/010/4230897; TLX: 20041 (CNSOY NL).
CONTACT: James P. King, European Sales & Mkting. Dir.
Promoveal/Promocaf; TEXTURED PROCON and RESPONSE simulated meat products (analogs); SOYAFLUFF soy flour; CENTEX and MIRATEX textured soy flour; soy grits; PROMINE, PROMAX, PROCON and PROMOSOY soy protein concentrates. Soy concentrate for young animal nutrition.
CONTACT: Chemurgy Division.
Broker, cash/product; **EXPORTER**: Soy proteins; soy lecithins; **IMPORTER**: Soy proteins; soy lecithins.

CEREOL Benelux B.V. ★ *C IP*
Everard Meijsterlaan 3, P.O. Box 8048,
3533 CK Utrecht, NETHERLANDS;
PH: 31/92 16 11; TLX: 844-47479 (CSUT NL).
CONTACT: Evert G. Van Korlaar
Solvent extraction; crush cap. 1,700MT/day; storage cap. 2,000MT; crude degummed soybean oil, crude soybean oil, hulls, meal; served by truck and barge.

Fa. L.I. Frank ★ *SF IP*
Oude Rijksstraatweg 32-40, Postbox 46,
Twello 7390 AA, NETHERLANDS;
PH: 31/5712/72131 or 72131; FAX: 31/5712/75624; TLX: 49350 (FRANK NL).
OTHER OFFICES: Kronberg, GERMANY (Breuer Agency); Paris, FRANCE (A. Arnaud S.A.)
CONTACT: J. R. Miedendorp de Bie, Ir.
Lecithin (edible grade); isolated soy proteins; SUNSOY soy flour, SUNSOY-20 full fat soy flour; soy fiber; soy grits; soy protein concentrates; soyfoods, soy sauce; other soy-based foods. Full fat soy flour/soy protein (industrial grade).

See Our Advertisement P. 31

Hendrix Voeders B.V. *IP*
Affiliate of B.P. Nutrition
Veerstraat 48, P.O. Box 1,
5831 JN Boxmeer, NETHERLANDS;
PH: 8855/89911; TLX: 37291 (HDRX NL).
CONTACT: N. van der Vlist, Dir.
Soy flour/soy protein (industrial grade) full fat for pet food, fish food and cattle feed.

Loders Croklaan B.V. ★ *C R SF IP*
Affiliate of Unilever
Hogeweg 1, P.O. Box 4,
Wormerveer 1520 AA, NETHERLANDS;
PH: 31/75/292911; FAX: 31/75/218881;
TLX: 19257 (CROK NL).
CONTACT: G. Hoetmer, Protein Div.
Solvent extraction; Crude degummed soybean oil, white flakes for edible purposes; served by rail, ship and truck.
CONTACT: G. Hoetmer.
Edible soy oil products, refined soybean oil; served by truck. UNISOL isolated soy proteins; UNISOY soy flour; UNITEX textured soy flour; UNICO, soy protein concentrates.
CONTACT: L. Bakker.
Soy flour/soy protein (industrial grade), NUTRISOY defatted soya flours/grits, SOYCOMIL soya concentrates, ARDEX/PROFAM soya isolate for calf milk replacer, piglet feed pet food and feed for other young animals;
CONTACT: A. Visser.

Lucas Meyer B.V. *C R SF IP*
Affiliate of Lucas Meyer GmbH & Co., Hamburg
West Zijde 412,
Zaandaul 1506 GM, NETHERLANDS;
PH: 31/25/206161; FAX: 31/25/702586.
OTHER OFFICES: Oudenaarde, BELGIUM; Campinas, BRAZIL; Chester, ENGLAND; Le Blanc Mesnil, Cedex, FRANCE; Hamburg, FEDERAL REPUBLIC OF GERMANY; Vigonza, ITALY; Barcelona, SPAIN; Decatur, IL
CONTACT: Andre van der Zande, Man. Dir.
Animal/livestock feed. Edible soy oil products; industrial oil products. SOYAMIN 90 isolated soy protein; TOPCITHIN, M-C-THIN, EMULFLUID, METARIN, EMULPUR, EMULGUM, LECIMULTHIN, EMULTHIN, EPICHOLIN, and EPIKURON lecithins (edible grade); SOVITAL soy bran; SOYAMIN 50 soy flour; SOYAPAN and NURUPAN full fat soy flours; NURUGRAN full fat soya grits; SOYOCO full fat soy kernels; NURULAT full fat soy powder; VEGAFOOM soy protein (whipping); SOYAMIN 70 soy protein concentrates; TEXTRATEIN soy protein (textured); soyfoods, NURAFLAKES soy flakes (full fat). LIPOTIN and LIPOWET lecithin (industrial grade) for paints, varnishes, leather, magnetic tapes, coatings, inks and cosmetics; EMULMETIK modified soya phospholipids.

Mervo Products B.V. ★ *IP*
Affiliate of Cebeco-Handelsraad
Havenstraat 10, P.O. Box 134,
Doetinchem 7000 AC, NETHERLANDS;
PH: 31/08340-32543; FAX: 31/08340-41556;
TLX: 45071 (MERVO).
OTHER OFFICES: Hengelo, NETHERLANDS
CONTACT: A. Hofstede, Man. Dir.
PLANT SUPERINTENDENT: Martin Bastiaanssen
Full fat soy flour/soy protein (industrial grade) for feed compound; full fat soy grits for animal/livestock feed; MERVO-SOYA (toasted & pelleted) for animal/livestock feed; MERVO SOYA FLAKE (toasted, flaked and pelleted) for animal/livestock feed.
CONTACT: Ad van Drunen.

Mostert Oilseeds BV
Sleeuwijksedijk 26°, P.O. Box 150, Werkendam
4250 DD, NETHERLANDS;
PH: 01835-2600; FAX: 01835-2905;
TLX: 24657 (ZMOS NL).
CONTACT: Gerrit Mostert, Dir.
Broker, cash/product.

Nutrimul B.V. ★ *SF*
Affiliate of Archer Daniels Midland, U.S.A.
Ermerweg 88, 7812 BG, P.O. Box 647,
Emmen 7800 AP, NETHERLANDS;
PH: 0031/5910-19288; FAX: 0031/5910-41612; TLX: 30377 (NUMUL NL).
CONTACT: Dennis Collins, Dir.
NUTRILEC lecithin (edible grade); NUPROSOY full fat soy flour.
CONTACT: Anneke Kayser.

A. Reinstein & Sons Ltd. ★
Stationsplein 45, P.O. Box 29107,
Rotterdam 3001 GC, NETHERLANDS;
PH: 10/413-5070; FAX: 10/414-4097;
TLX: 21111 (ARSO NL).
CONTACT: Aartje J. E. Priem-Meddler, Secy.
Broker, cash/product.

Rotterdamsche Margarine Industrie (ROMI) BV *R SF*
Affiliate of Koninklijke Smilde, Heerenveen
Kon. Wilhelminahaven NZ 17, P.O. Box 20,
Vlaardingen 3130 AA, NETHERLANDS;
PH: 31/10/434-0311; FAX: 31/10/435-3627;
TLX: 25770.
CONTACT: L. Albert van Marion, Dir.
Hydrogenated soy oil, refined soybean oil; served by barge, ship and truck.
CONTACT: S Haagma.
Soy oil products, cooking/salad oil; margarine; shortening. Broker, cash/product. **EXPORTER**: Hydrogenated soybean oil; refined soybean oil; **IMPORTER**: Crude soybean oil.

Schouten Group N.V. ★★
P.O. Box 1, Giessen 4283 ZG,
N. Brabant, NETHERLANDS;
PH: 31/1832-1141; FAX: 31/1832-1615.
EXPORTER: SOYAX & SOYAX-F raw materials for animal feeding; **IMPORTER**: soybeans.

Solnuts B.V. ★ *SF*
Swaardenstraat 41, P.O. Box 5066, 5004 EB
Tilburg , NETHERLANDS;
PH: 31/13/684991; FAX: 31/13/634109;
OTHER OFFICES: Hudson, IA (Solnuts Inc.).
CONTACT: Boud Lindner, Pres.
PLANT SUPERINTENDENT: Hilbert Stolk
Soy fiber; full fat soy flour; soy grits; soyfoods, soynuts (whole soybean snacks); soyflakes, (full fat); other soy based foods, sugar coated soynuts as decoration.
CONTACT: Erik Douma.

NETHERLANDS ANTILLES

Alimentos Antillanos N.V. ★ *R SF*
Abattoirweg Z/N Parera, Curacao,
NETHERLANDS ANTILLES;
PH: 5999-614417; FAX: 5999-613032.
CONTACT: Jan Marent, Dir.
Refining cap. 24MT/day; storage cap. 1600MT; refined soybean oil, edible soy oil products. Soy oil products, cooking/salad oil, margarine, shortening.

NEW ZEALAND

Innovex Nutrition 1989 Ltd. *C IP*
Taupaki Road, P.O. Box 99, Kumeu,
Auckland, NEW ZEALAND;
PH: 09/412-8533; FAX: 09/412-8533.
CONTACT: Paul Bishop, Gen. Mgr.
Solvent extraction; storage cap. 150MT; animal/livestock feed, crude degummed soybean oil; served by truck. ENERGY-SOY, SOY-PLUS, SOY-PLUS-ACID, PROTEX soy flour/soy protein (industrial grade).

Opco Industries Ltd. ★
Affiliate of Burns Philip & Co., Ltd.
P.O. Box 21-123, Henderson,
Auckland 8, NEW ZEALAND;
PH: 09/8370760; FAX: 09/8370614;.
CONTACT: Terry Lascelles, Site Mgr.
Broker, cash/product; **IMPORTER**: Soybean vegetable oils.

NICARAGUA

E. Chamorro Industrial S.A. *C*
P.O. Box 32, Granada, NICARAGUA;
PH: 505/55/4391 (To 4395);
FAX: 505/55/2-661671.
OTHER OFFICES: San Jose, COSTA RICA; Miami, FL
CONTACT: Alberto J. Chamorro, Pres.
Solvent extraction; crush cap. 250MT/day; storage cap. 20,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, meal; served by ship and truck.

NIGERIA

Farina Limited ★ *SF*
Affiliate of Farina Services Ltd., Switzerland
E-8 Matori Industrial Estate, Mushin,
Lagos, NIGERIA;
PH: 234/1/525302; FAX: 234/1/618496.
OTHER OFFICES: Cobham, Surrey, ENGLAND (Farina Group)
CONTACT: Girish Wadhwani, Man. Dir.
PLANT SUPERINTENDENT: Jai Changrani
Soyfoods UNCLE SOY YO BRAND, non dairy frozen desserts; soymilk, drinks or beverages; soynuts (whole soybean snacks,); other soy - based foods, soya milk yoghurt.

Protein Dirivates Limited *C R*
Plot 41, Sharada Industrial Estate, Phase III,
P.O. Box 730, Kano, NIGERIA;
PH: 234/064-626143 or 064-627600;
TLX: 77490 (PRODERI NG).
OTHER OFFICES: 18, Civic Centre, Kano, NIGERIA
CONTACT: M. F. Behy, Tech. Dir.
Continuous screw press; crush cap. 200MT/day; storage cap. 2,000MT; crude soybean oil, meal; served by truck. Refining cap. 50MT/day; storage cap. 1,000MT; edible soy oil products; served by truck.
CONTACT: Commercial Manager.

Vegetable Oils (Nigeria) Ltd. *C R*
Affiliate of Odu'a Investment Company Ltd.
386/394 Ikorodu Road, Ojota, P. O. Box 121,
Ikeja, Lagos, NIGERIA;
PH: 234/01/9005600-1 or 963680;
TLX: 26533 (VON NG).
CONTACT: Victor Omololu, Man. Dir.
Solvent extraction; crush cap. 100MT/day; storage cap. 5,000MT; crude soybean oil. Refining cap. 100MT/day; storage cap. 4,000MT; refined soybean oil.

NORWAY

A/S Denofa Og Lilleborg Fabriker *C R SF IP*
Affiliate of Orkla-Borregaard
Sandakerveien 56, P.O. Box 4236, Torshov,
0401 Oslo 4, NORWAY;
PH: 47/2/895000; FAX: 895138;
TLX: 71181 (B DENO N).
CONTACT: Rolf Kiegetvedt, Purch. Mgr.
Solvent extraction; crush cap. 1,000MT/day; storage cap. 30,000MT; animal/livestock feed, crude degummed soybean oil; served by ship and truck.
CONTACT: Odd R. Bjoernstad.
Refining cap. 180MT/day; storage cap. 10,000MT; edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by ship and truck. Lecithin (edible grade). Lecithin (industrial grade); soy oil (industrial grade); soybean fatty acids. **EXPORTER**: Soybean meal, soybean oil, lecithin; **IMPORTER**: Soybeans.

PAKISTAN

Cake & Oil Products Pvt. Ltd. *C*
United Bank Building, 2nd Floor, Chundrigar
Road, Karachi 74000, PAKISTAN;
PH: 92/21/241-4362 or 241-1887; FAX: 92/21/241-4581; TLX: (RCA) 25728 (HYDRI PK).
CONTACT: Altaf H. Anverali, Dir.
Continuous screw press, solvent extraction; crush cap. 100MT/day; storage cap. 2,000MT; crude degummed soybean oil, meal; served by truck.

Khyber Agro (Pvt) Limited ★ *SF*
Affiliate of the Punjab Group of Industries
Institution of Engineers Building, Liberty
Market, 2nd Floor, Gulberg-III,
Lahore, PAKISTAN;
PH: 92/42/875228 or 875229;
FAX: 92/42/872420; TLX: 44762 (PSL PK).
OTHER OFFICES: Gadoon, PAKISTAN
CONTACT: Mahmood A. Bhatti, Chman.
PLANT SUPERINTENDENT: Mumtaz Mahmood
Soy oil products, cooking oil (vegetable ghee).

Punjab Cooking Oil (Pvt) Limited ★ *SF*
Institution of Engineers Building, Liberty
Market, 2nd Floor, Gulberg-III,
Lahore, PAKISTAN;
PH: 92/42/875228 or 875229;
FAX: 92/42/872420; TLX: 44762 (PSL PK).
OTHER OFFICES: Sheikhupura, Punjab, PAKISTAN
CONTACT: Asif M. Bhatti, Chief Exec.
PLANT SUPERINTENDENT: Mohammad M. Khokhar
Soy oil products, cooking oil (vegetable ghee); margarine.

Sardar Oil Mills Limited ★ *SF*
Affiliate of the Punjab Group of Industries
Institution of Engineers Building, Liberty
Market, 2nd Floor, Gulberg-III, Lahore,
PAKISTAN;
PH: 92/42/875228 or 875229; FAX: 92/42/872420; TLX: 44762 (PSL PK).
OTHER OFFICES: Dera Ghazi Khan, Punjab
CONTACT: Mahmood A. Bhatti, Chman.
PLANT SUPERINTENDENT: A. R. Baig
Soy oil products, cooking oil (vegetable ghee).

Zam Zam Enterprises (Pvt) Limited ★ *SF*
Affiliate of the Punjab Group of Industries
Institution of Engineers Building, Liberty
Market, 2nd Floor, Gulberg-III,
Lahore, PAKISTAN;
PH: 92/42/875228 or 875229;
FAX: 92/42/872420; TLX: 44762 (PSL PK).
OTHER OFFICES: Bahawalnagar, Punjab
CONTACT: Mahmood A. Bhatti, Chman.
PLANT SUPERINTENDENT: M. Jehangir Khan
Soy oil products, cooking oil (vegetable ghee).

PANAMA

Compañia Panameña de Aceites, S.A. ★ *SF*
Domingo Diaz Avenue, P.O. Box 6-2396,
Panamá City, PANAMA;
PH: 507/20-1006; FAX: 507/20-3859;
TLX: (TRT) 3553 (ACEITES).
CONTACT: Julieta F. Lorenzo, Admin. Mgr.
PLANT SUPERINTENDENT: Jaime I. Fabrega
Soy oil products, COCINERO, MAISOL cooking/salad oil; MAISOL, PERFECTA margarine; CHANCHO, PASTELERO shortening.
CONTACT: Jaime Arosemena.

Protein Technologies International, Inc. ★★ *SF IP*
Subsidiary of Ralston Purina
11th Floor Royal Match Bldg, Ayala Avenue,
1200 Makati, Metro Manila, PHILIPPINES;
PH: 63/2/810/1726 to 37;
FAX: 63/2/817/0469; TLX: RCA 22086.
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

POLAND

Protein Technologies International, Inc. ★★ *SF IP*
Subsidiary of Ralston Purina
Technical Information Office, Str. Stawki 2/31 floor, P.O. Box 404, 00-193 Warsaw, POLAND;
PH: 48/2-635-1544; FAX: 48-2-635/1544;
TLX: 813751/817478 utxpl.
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

PORTUGAL

IBEROL, S.A. ★ *C SF IP*
Apartado 5109,
1702 Lisboa Codex, PORTUGAL;
PH: 351/1/848-8176/8; FAX: 351/1/848-1139; TLX: 12422 (IBEROL P).
PLANT SUPERINTENDENT: Urbino Malaca
Continuous screw press; crush cap. 900MT/day; storage cap. 30,000MT; crude degummed soybean oil, crude soybean oil, meal; served by barge, rail and truck. Lecithin (edible grade); soy flour; soy oil products, cooking/salad oil. Lecithin (industrial grade) for the pharmaceutical and chemical industries; soy flour for the animal food industry; soy oil (industrial grade) for the refining industry.

Produtora e Refinadora de Oleos, S.A. (PRAZOL) *C R*
Av. Bernardino Machado-Formariz, Ap. 52, Vila do Conde Codex 4481,
Douro Litoral, PORTUGAL;
PH: 351/52/633497; TLX: 23838 (PRAVIC P).
OTHER OFFICES: Lisbon, Estremadura; Castelo Branco, Biera-Baixa, PORTUGAL
CONTACT: Alcino Cardoso, Pres.
Solvent extraction; crush cap. 600MT/day; storage cap. 33,000MT; crude degummed soybean oil, crude soybean oil, hulls, meal; served by truck. Refining cap. 120MT/day; storage cap 6,500MT; refined soybean oil; served by truck.
CONTACT: Plant Mgr.

TAGOL S.A. *C R SF IP*
Campo Grande, 28-6º, Lisbon 1700, PORTUGAL;
PH: 351/1/767521; FAX: 765079;
TLX: 14187 (TAGOL P).
CONTACT: Manuel Mourão, Vice Pres.
Solvent extraction; crush cap. 2,500MT/day; storage cap. 100,000MT; crude degummed soybean oil, meal; served by barge, rail, ship and truck.
CONTACT: Fernando Almeida.
Refining cap. 150MT/day; storage cap. 21,000MT; crude degummed soybean oil, edible soy oil products, hydrogenated soy oil; served by ship and truck.
CONTACT: Melo Sampaio.
TAGOL full fat soy flour; soy oil products, CAMPO D'OURO cooking/salad oil; CAMPO D'OURO margarine; CAMPO D'OURO salad dressing; CAMPO D'OURO shortening. Full fat soy flour/soy protein (industrial grade) for animal feeds. **EXPORTER**: Soybean meal, fully refined soybean oil, shortenings; margarines; **IMPORTER**: Soybeans.

Transcomércio, Companhia de Comércio Internacional, S.A. ★
Rua Tierno Galvan, Torre 3 - 16º B, Lisbon 1000, PORTUGAL;
PH: 351/1-3871700; FAX: 653314;
TLX: 65816 (SCOMER P).
CONTACT: Fernando Nunes, Dir.
Broker, cash/product; **IMPORTER**: Soybean meal/pellets.

RUSSIA

Protein Technologies International ★★ *SF IP*
Subsidiary of Ralston Purina
Gurzinsky per. 3, Apartment 197,
Moscow 123056, RUSSIA;
PH: 7/095-2549978; FAX: 7/095-2004277.
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

SAUDI ARABIA

Middle East Analog Technology *SF*
P.O. Box 4553, Jeddah 21412, SAUDI ARABIA;
PH: 966/2/682-2201;
CONTACT: Kevin Fallon, Pres.
Simulated meat products (analogs & WSMB).
IMPORTER: Defatted soy flour.

The Savola Company *C R SF*
P.O. Box 1202, Jeddah 21431, SAUDI ARABIA;
PH: 966/2/651-0097; FAX: 966/2/651-8068;
TLX: 602-481 (SJ).
OTHER OFFICES: Jeddah (Savola Edible Oils)
CONTACT: Suleman S. Baba, Sr. AGM, Commodity Research
Solvent extraction; crude soybean oil, hulls, meal; served by truck. Edible soy oil products; served by truck. Soy oil products, cooking/salad oil; soyfoods, other soy-based foods.

SCOTLAND

Cardowan Creameries Ltd. *SF*
Holywell Street, Glasgow G31 4BT, SCOTLAND;
PH: 44/41/554-1137.
CONTACT: Mary Johnston, Secy.
Soy oil products, FRYBEX cooking/salad oil; KING COLE margarine (trade-user packs of pastry and cake margarines); KING COLE shortening (trade-user packs).

SINGAPORE

Fraser & Neave (Singapore) Pte. Ltd. *SF*
457 Jalan Ahmad Ibrahim,
Singapore 2263, SINGAPORE;
PH: 65/861-7600; FAX: 65/861-2652.
CONTACT: Kain S. Kwok, R&D Mgr.
Soyfoods, frozen desserts; soymilk; tofu.

Hong Guan Huat Kee ★
No. 2, Lorong 24A, Geylang Road,
Singapore 1439, SINGAPORE;
PH: 65/744-4808 or 744-5711;
FAX: 65/747-8533.
CONTACT: Ng Yew Cheng, Asst.
Soybean seed supplier; supplier of soybeans for food use.

KUOK Oils & Grains PTE, LTD ★ *C R*
Affiliate of Federal Flour Mills BHD, Malysia
19 Carpenter Street, #02-00,
Singapore 0105, SINGAPORE;
PH: 65/534-4722 or 534-3261; FAX: 65/532-5335; TLX: 22264 (KUOKOIL RS).
CONTACT: Kwok K. Hai, Man. Dir.
PLANT SUPERINTENDENT: Yee Chek Tong
Solvent extraction; crush cap. 400MT/day; crude degummed soybean oil, crude soybean oil; served by ship. Refining cap. 400MT; served by ship, rail, truck.

Yeo Hiap Seng Ltd. ★ *SF*

950 Dunearn Road,
Singapore 2158, SINGAPORE;
PH: 65/466-2266; FAX: 65/466-4641;
TLX: (RS) 22143 (YHSL).
OTHER OFFICES: Petaling Jaya, Selangor, MALAYSIA (Yeo Hiap Seng (M) BHD) (mfg.)
CONTACT: C. T. Yeow, Bus. Dev. Mgr.
Soyfoods, YEO'S soymilk, drinks or beverages (cans & tetra-brik); YEO'S soy sauce; NATURE SOY tofu & tofu products (aseptic pack).
CONTACT: Joseph Yeo.

SOUTH AFRICA

Chempro (Pty) Ltd.

A Division of Protea Chemicals Ltd.
249 Dyson Road, Wadeville Ext. 1, Private Bag 14786, Wadeville 1422, SOUTH AFRICA;
PH: 27/11/824-2020; FAX: 27/11/824-2820;
TLX: 743811.
OTHER OFFICES: Cape Town, Durban, Port Elizabeth, SOUTH AFRICA
CONTACT: Henk Egberink, Man. Dir.
Broker, cash/product; supplier of soybeans for food use; **IMPORTER**: Soy flour, concentrates, fiber & isolates.

Jabula Foods Ltd. ★★ *SF IP*

Affiliate of Premier Food Industries, Ltd.
New Era, P.O. Box 818, Springs 1560,
Transvaal, SOUTH AFRICA;
PH: 011/813-2232; TLX: 748935.
CONTACT: M.J. Howell, Tech. Dir.
PLANT SUPERINTENDENT: B. Carney, Prod. Dir.
JABULA full fat soy flour; other soy-based foods, meal extenders containing T.S.P., soups & gravy powders & mass feeding supplements. cooked whole/milled beans full fat, for animal feeds.

National Protein (PTY) LTD ★★ *SF*

Affiliate of National Brands, Ltd.
P.O. Box 5159,
Rivonia 2128, SP SOUTH AFRICA;
PH: 803-1016; FAX: 803-6543.
CONTACT: Ken Maitland, Mgr.
PLANT SUPERINTENDENT: Desmond Flett
Simulated meat products (analogs) NATPRO; soy oil products, soy flour; full fat soy flour; textured soy flour; soy grits, (all NATPRO).
EXPORTER: TVP and flour range.

SPAIN

Aceites Vegetales S.A. (ACEVESA) ★ *C*

Affiliate of Bunge
Crta. Cartagena a los Camachos, Km. 1,5,
El Hondon, Cartagena 30382, SPAIN;
OTHER OFFICES: Madrid ; Portugalete, Vizcaya (ACEPROSA); Sevilla (ARLESA, mfg.))
CONTACT: F. Cabezos
Solvent extraction; crush cap. 1,000MT/day; storage cap. 25,000MT; crude degummed soybean oil, crude soybean oil, meal.

Aceites y Proteias S.A. (ACEPROSA) ★ *C R SF*

Repelega, P.O. Box 6,
Portugalete 48920, SPAIN;
PH: 94/496-5111; FAX: 94/496-7496;
TLX: 32753 (ACEPR E).
OTHER OFFICES: Madrid, Spain
CONTACT: T. Temmink, Gen. Mgr.
Solvent extraction; crush cap. 1800MT/day; storage cap. 60,000MT; crude degummed soybean oil, meal; served by rail, ship and truck. Refining cap. 240MT/day; storage cap. 15,000MT; crude degummed soybean oil, refined soybean oil; served by rail, ship and truck. Lecithin (edible grade); EMULSOY 0 soy flour; EMULSOY INTEGRAL full fat soy flour.

ACEPROSA ★ *C R SF IP*

Affiliate of Bunge
Acero Sur, lencia, SPAIN;
PH: 34/6/323-6835;
OTHER OFFICES: Cartagena (ACEVESA); Madrid S.A.); Portugalete, Vizcaya (ACEPROSA)
CONTACT: A. Parrell Gravell
Solvent extraction, crush cap.1300 MT/day; storage cap. 40,000MT; meal; Refining cap. 150MT/day; storage cap. 10,000MT; refined soybean oil; served by ship and truck.
CONTACT: V. Gimeus
Soy oil (industrial grade).

ACEPROSA ★ *C R SF IP*

Affiliate of Bunge
Carretera del Copero, S/N, Punta del Verde,
Sevilla, SPAIN;
PH: 34/54/610200; TLX: 27784.
OTHER OFFICES: Madrid, Bilbao, Cartagena.
CONTACT: M. Gomez Ojeda
Solvent extraction; crush cap. 600MT/day; storage cap. 10,000MT; meal.
CONTACT: M. Garcia
Refining cap. 150MT/day; storage cap. 10,000MT; refined soybean oil; served by ship and truck. Full fat soy flour; soy oil products, cooking/salad oil. Soy oil (industrial grade).

ACEPROSA ★ *C R SF IP*

Affiliate of Bunge
Repélega S/N, Portugalese 48920,
Vizcaya, SPAIN;
OTHER OFFICES: Cartagena, Murcia (ACEVESA); Madrid; Sevilla, Valencia.
CONTACT: S. Ausocoa Asia
Solvent extraction; crush cap. 1,500MT/day; storage cap. 45,000MT; meal; served by ship and truck.
CONTACT: F. Ortiz
Refining cap. 240MT/day; storage cap. 10,000MT; edible soy oil products; served by ship and truck. Lecithin (edible grade); soy flour; full fat soy flour; soy oil products, cooking/salad oil. Lecithin (industrial grade); soy flour/soy protein (industrial grade); soy oil (industrial grade).

Bunge Iberica S.A. ★

MAIN OFFICE: Paseo de la Castellana 143,
Madrid 28046, SPAIN;
PH: 34/1/279-6300; FAX: 34/1/571-4496;
TLX: 27784 (BUNGE).
OTHER OFFICES: Cartagena, Murcia (ACEVESA); Portugalete, Vizcaya (ACEPROSA); Sevilla (ARLESA, mfg.)
CONTACT: Rodolfo Lancksweert, Pres.

Cargill España, S.A. *C*

MAIN OFFICE: Avda. Diagonal, 605, Planta 5,
Barcelona 08028, SPAIN;
PH: 34/3/332-7454; FAX: 34/3/331-4404.
OTHER OFFICES: Tarragona
CONTACT: José M. Mateo, Head Trader
Solvent extraction; crush cap. 2,000MT/day; storage cap. 42,000MT; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail, ship and truck.

Cargill España, S.A. *C R*

Calle Muelle Castilla, S/N, P.O. Box 191,
Tarragona 43080, SPAIN;
PH: 34/77/211208; FAX: 34/77/211400;
TLX: 56509 (SILO E).
CONTACT: José M. Mateo, Head Trader
Solvent extraction; crush cap. 1,150MT/day; storage cap. 10,000MT; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail, ship and truck. Refining cap. 180MT/day; storage cap. 4,000MT; refined soybean oil; served by rail, ship and truck.

Cereol Iberica, S.A. ★ *C R SF IP*

P.O. Box 582, El Burgo,
La Coruña 15080, SPAIN;
PH: 34/81/66.12.50; FAX: 34/81/66.38.11.
CONTACT: Ramon Pitarque, Mgr.
PLANT SUPERINTENDENT: Antonio Iglesias
Solvent extraction; crush cap. 900MT/day; storage cap. 32,000MT; crude degummed soybean oil, meal; served by ship and truck. Refining cap. 100MT/day; storage cap. 9,300MT; crude degummed soybean oil, refined soybean oil; served by ship and truck. Soy flour; full fat soy flour. Full fat soy flour/soy protein (industrial grade) for cattle feed.
EXPORTER: Soybean meal; soybean oil; lecithin; deodorizer distillates; **IMPORTER**: Soybeans.

Compania Industrial y de Abastecimientos S.A. (CINDASA) *C R*

Affiliate of Cargill, Inc.
Av. Diagonal 605, 4ª (Edificio Heron),
Barcelona 08028, SPAIN;
PH: 34/3/410-6258; TLX: 22080 (DINSO).
CONTACT: Javier Losantos, Gen. Mgr.
Solvent extraction; crush cap. 4,200MT/day; crude soybean oil, hulls, meal; served by rail, truck and ship. Refining cap. 500MT/day; crude degummed soybean oil, refined soybean oil; served by truck, rail and ship.

Lucas Meyer S.A. *C R SF IP*

Affiliate of Lucas Meyer GmbH & Co., Hamburg
Bailéy, 136-entlo. 3ª, of. 102,
Barcelona 08037, SPAIN;
PH: 34/3/459-3492; FAX: 34/3/459-4406;
TLX: 99703 (LUCAS E).
OTHER OFFICES: Campinas, BRAZIL; Oudenaarde, BELGIUM; Chester, ENGLAND; Le Blanc Mesnil, Cedex, FRANCE; Hamburg, FEDERAL REPUBLIC OF GERMANY; Vigonza, ITALY; Zaandaul, NETHERLANDS; Decatur, IL
CONTACT: Pedro Duenas, Man. Dir.
Animal/livestock feed. Edible soy oil products; industrial oil products. SOYAMIN 90 isolated soy proteins; TOPCITHIN, M-C-THIN, EMULFLUID, METARIN, EMULPUR, EMULGUM, LECIMULTHIN, EMULTHIN, EPICHOLIN, EPIKURON lecithins (edible grade); SOVITAL soy bran; SOYAMIN 50 soy flour; SOYAPAN, NURUPAN full fat soy flours; NURUGRAN soy grits(full fat); NURULAT full fat soy powder; VEGAFOOM soy protein (whipping); TEXTRATEIN textured soy protein; SOYAMIN 70 soy protein concentrates; SOYOCO soy kernels (full fat); soyfoods, NURAFLAKES soy flakes (full fat). LIPOTIN and LIPOWET lecithin (industrial grade) for paints, varnishes, leather, magnetic tapes, coatings, inks and cosmetics; EMULMETIK modified soya phospholipids.

Oleaginosas Españolas, S.A. (OESA) ★ *C R SF IP*

Muelle Oeste, S/N, Barcelona 08039, SPAIN;
PH: 34/3/318-2900; FAX: 34/3/318-8820.
CONTACT: Manuel Balado, Gen. Mgr.
PLANT SUPERINTENDENT: Antonio Egurrola
Solvent extraction; crush cap. 2,400MT/day; storage cap. 30,000MT; crude degummed soybean oil, meal; served by rail, ship and truck.
CONTACT: Antonio Egurrola
Refining cap. 100MT/day; storage cap. 18,00MT; crude degummed soybean oil, refined soybean oil; served by rail, ship and truck. Soy flour; full fat soy flour. Full fat soy flour/soy protein (industrial grade) for cattle feed.

C = Soybean Processor (Crusher)
R = Soybean Oil Refiner

Protein Technologies International ★★ *SF IP*

Avenida Diagonal, 427 bis-429, 2nd Fl, 1A,
Barcelona 08036, SPAIN;
PH: (03)209-2055; TLX: 831/98792 PPRO E).
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

Sociedad Iberica de Molturacion, S.A. (SIMSA) *C R SF IP*

Plaza De Chamberi 8, 7th-Floor,
Madrid 28010, SPAIN;
PH: 34/1/447-3013; FAX: 34/1/445-5334;
TLX: 27216 (SIMSA E).
OTHER OFFICES: Pontejos, Santander, SPAIN
CONTACT: Ignacio Aritio, Dpty. Dir. Gen.
PLANT SUPERINTENDENT: Jose L. Emparanza
Continuous screw press, solvent extraction; crush cap. 2,000MT/day; storage cap. 2,000,000 MT; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail, ship and truck. Refining cap. 100MT/day; storage cap. 15,000 MT; crude degummed soybean oil, refined soybean oil; served by rail, ship and truck.
CONTACT: Ignacio Aritio, Dpty. Dir. Gen.
Lecithin (edible grade); soy oil products, cooking/salad oil. SIMSASOL lecithin (industrial grade) for pharmaceutical, cosmetic and other industrial uses; OLESOYA soy oil (industrial grade) bottled cooking oil.
CONTACT: Jesus Prieto.
EXPORTER: Crude degummed soy oil; fully refined soy oil; soybean lecithin; soybean meal; **IMPORTER**: Soybeans; soybean meal.

Zuaitzo Proteinas Vegetales ★ *C SF*

Plaza Santa Maria, 2 Bajo,
Vitoria-Gasteiz 01001, SPAIN;
PH: 945/288630; TLX: 35515 (COÇIA E).
Attention J. Arocena.
CONTACT: Javier Arocena
Continuous screw press; crush cap. 30 kilos/day; storage cap. 3MT; meal; served by truck. Soyfoods, tempeh; tofu & tofu products.

SRI LANKA

Plenty Canada/Sri Lanka Soya Project ★★ *C SF*

Affiliate of Plenty Canada
No. 321, Union Place, Colombo 2, SRI LANKA;
PH: 94/1/438309; 438310;
FAX: 94/1/438314.
OTHER OFFICES: Kandy Project Office, Kandy, SRI LANKA; Rural Centre, Madabugama, SRI LANKA
CONTACT: Peter M. Dudding, Project Dir.
Continuous screw press, crush cap. 2MT/day; storage cap. 100 MT. Soy oil products, cooking/salad oil; soy flour (70% defatted); Soyfoods, soy flakes (full fat); soymilk, drinks or beverages; soynuts (whole soybean snacks; tempeh; tofu & tofu products.

SF = Edible Soy Products/Soyfoods
IP = Industrial Soy Products

Soy Foods (F&W) Ltd. ★★ *SF*

Member of the Forbes & Walker Group
Forbes & Walker Bldg., 46/38 Nawam Mawatha, Colombo 2, SRI LANKA;
PH: 94/1/26986; FAX: 94/1/437149.
CONTACT: Mario De Zoysa
PLANT SUPERINTENDENT: Victor Navanokne
Textured soy flour (chunks and minced); soyfoods, soy sauce; other soy-based foods, soya coffee, soya noodles.

SWEDEN

AB Winner ★★ *SF*

Affiliate of Karlshamns AB
S-374, 82 Karlshamn, SWEDEN;
PH: 46/454-820 00; FAX: 46/454-113 75.
CONTACT: Leif Andersson, Export Mgr.
PLANT SUPERINTENDENT: Bo Funeteg
Soyfoods, Tofuline & Nordic Delight nondairy frozen desserts.

Karlshamns AB *C R SF IP*

A Division of KF Industry
Vaestra Kajen, Karlshamn S-374 82, SWEDEN;
PH: 46/454-82000; FAX: 46/454-12239;
TLX: 4511 (AKOTRA S).
OTHER OFFICES: Columbus, OH; Kearny, NJ (Capital City Products)
CONTACT: Johan Sandberg, Dir.
PLANT SUPERINTENDENT: Tom Thörnquist
Continuous screw press; crush cap. 250MT/day; storage cap. 100,000MT; animal/livestock feed; served by rail, ship and truck.
CONTACT: Hans Reutel.
Refining cap. 200MT/day; storage cap. 5,000MT; edible soy oil products, fractionated soy oil, hydrogenated soy oil, industrial oil products, refined soybean oil; served by rail, ship and truck.
CONTACT: Ole Sogard.
Soy oil products, cooking/salad oil; margarine; shortening.
CONTACT: Hakon Johnsson.
Soy oil (industrial grade) for paints; soybean fatty acids for paints.
CONTACT: Stig Nydahl.

Margarinbolaget AB *SF*

Strandbergsgatan 20, P.O. Box 30025, S-104 25 Stockholm, SWEDEN;
PH: 46/8/657-3700; FAX: 46/8/618-9194;
TLX: 19571 (MARG S).
CONTACT: Ulf Larsson, Purchasing Mgr.
Soy oil products, cooking/salad oil; margarine; shortening.

Protein Technologies International ★★ *SF IP*

Subsidiary of Ralston Purina Company
Ronnebygatan 1,
S-37435 Karlshamn, SWEDEN;
PH: 46-454-84190;
FAX: 46-454-11439; 454-11869.
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO; Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL cellulose products.

★ Updated Listing
★★ New Listing

SWITZERLAND

ACSAL S.A. ★

Affiliate of Unilever PLC London
38 Petit Chêne, P.O. Box 60,
Lausanne 1001, SWITZERLAND;
PH: 021/20-10-91; FAX: 021/20-10-97.
OTHER OFFICES: São Paulo, BRAZIL (Gessy Lever Alimentos S.A.)
CONTACT: Gerhard de Buys Roessingh,
EXPORTER: Soybeans, soybean oil, soybean meal, soybean meal pellets.

Galactina Ltd. *C SF*

Birkenweg 1-6, Belp CH-3123, SWITZERLAND;
PH: 031/81-1111; FAX: 031/81-1530;
TLX: 911658 (GABI).
CONTACT: Anton von Weissenfluh, Tech. Mgr.
Solvent extraction; storage cap. 180MT; meal; served by rail and truck.
CONTACT: Conrad Seewer.
Soyfoods, soymilk, drinks or beverages; tofu & tofu products.

Oleificio SABO *C R*

Via del Solari 2, P.O. Box 3327,
CH-6901 Lugano, SWITZERLAND;
PH: 41/091/234461;
TLX: 844457 (SABO CH).
CONTACT: Giancarlo Bordoni, Gen. Mgr.
Solvent extraction; crush cap. 30MT/day; storage cap. 4,000MT; animal/livestock feed, crude soybean oil; served by rail and truck. refined soybean oil.

Protein Technologies International ★★ *SF IP*

Subsidiary of Ralston Purina
17 Chemin Louis-Dunant, P.O. Box 42,
CH-1211 Geneva, SWITZERLAND;
PH: 41-22-733-30-23; FAX: 41-22-7331938;
TLX: 845/412-212.
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

SAIS *C R SF IP*

Affiliate of Unilever N.V., Rotterdam
Forrlibuckstrasse 10, Postfach,
CH-8031 Zurich, SWITZERLAND;
PH: 41/1/278-4211; FAX: 41/1/271-5068;
TLX: 822750 (SAIS ZH).
OTHER OFFICES: Rotterdam, NETHERLANDS (Unilever N.V.)
CONTACT: Walter H. Hefti, Chrman.
Continuous screw press, solvent extraction; crude degummed soybean oil, crude soybean oil, meal; served by rail and truck. Crude degummed soybean oil, edible soy oil products, fractionated soy oil, hydrogenated soybean oil, industrial oil products, refined soybean oil; served by truck and rail. Soy oil products, cooking/salad oil; margarine; salad dressing; shortening. Soy oil (industrial grade); soybean fatty acids.

Vegoil Trading Company Ltd. ★
Baarerstrasse 69, P.O. Box 2007,
Zug CH-6302, SWITZERLAND;
PH: 1/2211130; FAX: 1/212-1385;
TLX: 812320 (HAND CH).
CONTACT: Peter R. Muller, or Toni Bachmann
Broker, cash/product.

TAIWAN

Fong-Mao Industries Company Ltd. *C R SF IP*
No. 42-13 Houpi Village, Houpi 73101,
Tainan, TAIWAN;
PH: 886/6/687-1111.
CONTACT: K. Y. Lin, Gen. Mgr.
Solvent extraction; crush cap. 250MT/day; storage cap. 7,200MT; animal/livestock feed; served by rail and truck. Refining cap. 45MT/day; storage cap. 3,000MT; crude degummed soybean oil, crude soybean oil, edible soy oil products, industrial oil products, once refined soybean oil; served by truck and rail. Full fat soy flour; soy oil products, salad dressing. Soy flour/soy protein (industrial grade).

Fwu Sow Grain Products Company, Ltd. *C R SF*
Taichung Harbor Plant, 98, Zih-Cheon Road,
Wu-Chih, Taichung 433, TAIWAN;
PH: 886/046/362111; FAX: 886/046/358-566; TLX: 22237 (FWU SOW).
OTHER OFFICES: Taipei, TAIWAN (mfg.)
CONTACT: H. Y. Wang, Vice Pres.
Solvent extraction; crush cap. 850MT/day; storage cap. 25,000MT; crude soybean oil, meal; served by truck. Refining cap. 140MT/day; storage cap. 4,000MT; edible soy oil products; served by truck. Lecithin (edible grade); soy oil products, LUCKY cooking/salad oil. **EXPORTER**: Soybean lecithin; **IMPORTER**: Soy flour, lecithin & salad oil.

Great Wall Enterprise Company Ltd. *C R SF IP*
No. 3, Niao-Sung 2nd Street, Niao-Sung
Village, Yung-Kung Hsiang,
Tainan Hsien 710, TAIWAN;
PH: 886/06/253-1111; FAX: 886/06/253-1686; TLX: 71351 (GREATAL).
CONTACT: John C. Ou, Mgr.
Solvent extraction; crush cap. 250MT/day; storage cap. 40,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail and truck. Crude degummed soybean oil, edible soy oil products, industrial oil products, refined soybean oil; served by truck and ship. GREAT WALL lecithin (edible grade); soy flour; full fat soy flour; soy oil products, cooking/salad oil; shortening. GREAT WALL lecithin (industrial grade) for feeds; full fat soy flour/soy protein (industrial grade) for feeds; soy oil (industrial grade) for resin; soy sterols and tocopherols; soybean fatty acids. **EXPORTER**: Crude & refined soy oil, soy meal, lecithin, soy concentrates; **IMPORTER**: Soybeans.

Hsiao-Kang By-Products Factory, TSC *C R SF*
133, Hsiao-Kang Road,
Kao-Hsiung 81206, TAIWAN;
PH: 886/821-4160.
CONTACT: C. W. Chen, Plant Mgr.
PLANT SUPERINTENDENT: C. W. Chen
Solvent extraction; crush cap. 340MT/day; storage cap. 25,000MT; animal/livestock feed, crude soybean oil, meal; served by truck. edible soy oil products, refined soybean oil, hydrogenated soy oil. Soy oil products, cooking/salad oil.
CONTACT: T. W. Tang, Plant Mgr.

President Enterprises Corp. *R SF*
301 Chung-Cheng Road, Yan Harng, Yeong
Kang Shiang, Tainan Hsien 71007, TAIWAN;
PH: 886/6/253-2121; TLX: 71348 (PRESIT).
CONTACT: C. S. Lin, Gen. Mgr.
Refining cap. 120MT/day; storage cap. 1,000MT; edible soy oil products; served by truck.
CONTACT: C. Yang.
Lecithin (edible grade); soy oil products, cooking/salad oil; margarine; shortening; soyfoods, soymilk, drinks or beverages; soy sauce.
CONTACT: Hua-Yang Lee.
EXPORTER: Soy sauce, soy milk; **IMPORTER**: Soybeans.

Protein Technologies International ★★ *SF IP*
Subsidiary of Ralston Purina
4th Floor Yang Sheng Building, 687, Sec. 5,
Chung Shan N. Road, Taipei, TAIWAN;
PH: 886/2.834.4866; FAX: 886/2.835.0540;
TLX: 785/25769.
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

Tay Shan Enterprise Company Ltd. *C R SF IP*
178 Nanking E. Road, Sec. 2, 14th Floor,
Taipei, TAIWAN;
PH: 886/2/506-4152; TLX: 22863 (SUNRISE).
CONTACT: James T. Chan, Chman./CEO
Solvent extraction; crush cap. 600MT/day; crude oil, edible soy oil products; meal; served by rail and truck. refined soybean oil, industrial oil products. Soy oil products, TAY SHAN cooking/salad oil. Soy sterols & tocopherols.

Wan Jia Shiang Brewery Company Ltd. *SF*
80-1, Hope Street, Sun Chung City,
Taipei, TAIWAN;
PH: 886/2/995-6622; TLX: 25852 (JOY TW).
OTHER OFFICES: Middletown, NY
CONTACT: Jen-Chun Wu, Vice Pres.
Soyfoods, WAN JA SHAN soy sauce.
EXPORTER: Soy sauce.

THAILAND

Green Spot (Thailand) Ltd. *C SF*
79 Pattanakarn 3 Road,
Bangkok 10240, THAILAND;
PH: 66/2/377-5088.
CONTACT: C. C. Cheung, Gen. Mgr.
Continuous screw press; crush cap. 10MT/day; storage cap. 800MT. Soyfoods, VITAMILK soymilk, drinks or beverages.

Hoecheong International Trading Company Ltd.
Sitthivorakit Bldg, 13th floor, No. 5, Soi Pipat,
Silom Rd., G.P.O. Box 1386,
Bangkok 10501, THAILAND;
PH: 713/235-2895; FAX: 713/236-1920;
TLX: 82858 (HOECO TH).
OTHER OFFICES: PEOPLE'S REPUBLIC OF CHINA; SINGAPORE; HONG KONG; AUSTRALIA
CONTACT: Jason Wong, Gen. Mgr.
IMPORTER: Soybean meal, isolated soybean, protein powder.

Industrial Enterprises Company Ltd. *C R SF*
179 Surawong Road, Bang Rak, P.O. Box
2142, Bangkok 10500, THAILAND;
PH: 66/2/235-4853-9; FAX: 66/2/237-4610;
TLX: 82649 (IDC TH).
OTHER OFFICES: Nonthburi (mfg.)
CONTACT: Adun Adulayavichit, Man. Dir.
Solvent extraction, crush cap. 1,000MT/day; storage cap. 30,000MT. Refining cap. 100MT/day; refined soybean oil. Soy oil products, cooking oil.

Nestle (Thailand) Ltd. ★ *SF*
Samrong Factory, 149 Teparak Road,
Samutprakarn 10270, THAILAND;
PH: 02/3840022; TLX: 87384 (NESTHAI TH);
FAX: 02/3841450.
CONTACT: KH. Tirachai Sudhikam, Factory Mgr.
Soyfoods, BONUS soymilk, drinks or beverages.

Nutritional Products (Thailand) Ltd. ★★
Affiliate of Nestle (Thailand) Ltd.
Navanakorn Factory, 60/1 Navanakorn 16,
Navanakorn Industrial Promotion Zone II,
Pathumthani 12120, THAILAND;
PH: 02/5290700-4; FAX: 02/5290468;
TLX: 87384 NESTHAI TH.
CONTACT: H. Fujii, Factory Mgr.

Patum Vegetable Oil Company, Ltd. ★ *R SF IP*
733/23 Charansanitwong Road, 3rd floor,
Bangkok 10700, THAILAND;
PH: 66/2/434-8284-7; TLX: 086-82431
(PATUM TH); FAX: 66/2/433-6423.
OTHER OFFICES: Lardlumkaew, Patumthanee
CONTACT: Prakit Triyanond, Gen. Mgr.
Refining cap. 100MT/day; storage cap. 3,000MT; edible soy oil products; industrial oil products, refined soybean oil; served by truck, barge and ship. Soy oil products, GAYSORN, KORNA cooking/salad oil; soy oil (edible grade) for canned tuna. Alkyd resin for paint industry; soybean fatty acids. Broker, cash/product. **EXPORTER**: Fully refined soybean oil, soybean acid oil/fatty acid distillate; **IMPORTER**: Crude degummed soybean oil.

Protein Technologies International ★★ *SF IP*
Subsidiary of Ralston Purina
16 City Mansion Apt. 11, Sukhumvit 3 (Soi
Nana Nua), Bangkok 10110, THAILAND;
PH: 66/2-253-6026; 251/3027;
FAX: 66/2-254-4759.
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO; Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL cellulose products.

C = Soybean Processor (Crusher)
R = Soybean Oil Refiner

Thai Vegetable Oil Co. Ltd. ★★
C R SF IP
105 Ratchadapised Rd., (TapraTaksin),
Bukkalow Thonburi,
Bangkok 10600, THAILAND;
PH: 662/477-9020; FAX: 662/477-9894.
CONTACT: Vichit Vitayatanagorn, Exec. Chrm.
PLANT SUPERINTENDENT: Somsak Siwanawin
Solvent extraction; crush cap. 800MT/day; storage cap. 50,000MT; Crude degummed soybean oil; served by truck. Refining cap. 200MT/day; storage cap. 10,000MT; refined soybean oil; served by truck. Lecithin; soy flour/soy protein (industrial-grade), full fat; soy oil (industrial-grade); soybean fatty acids;

Thanakorn Vegetable Oil Products Company *C R SF IP*
99 Soi Thanakorn, Phra Pradaeng Road, P.O. Box 13-5, Bangkok 10130, THAILAND;
PH: 66/2/425-8930;
TLX: 086-84031 (TANAOIL TH).
CONTACT: Vibul Serakitpricha, Man. Dir.
Solvent extraction; crush cap. 800MT/day; storage cap. 20,000MT; meal; served by barge and truck. Refining cap. 100MT/day; storage cap. 6,000MT; crude degummed soybean oil, edible soy oil products, refined soybean oil; served by truck and barge. Soy oil products, cooking/salad oil; COOK and THANA mixed oils. Soy oil (industrial grade) for paints & varnishes.

TURKEY

Mudurnu Tavukculuk A.S. ★★ *IP*
Bolu Cad. #167, Mudurnu 14800/Bolu, TURKEY
PH:90/4617/1570; FAX: 90/4617/1035;
TLX: 84514 MDRU TR.
CONTACT: Mustafa Topcu, Feed mill Mgr.
PLANT SUPERINTENDENT: Murat Zinicrioglu
Soy flour/soy protein, full fat, for poultry nutrition.

Paksoy Ticaret ve Sanayi AS
C R SF IP
Karatas Yolu 184, P.O. Box 144,
Adana, TURKEY;
PH: 90/71/210763; FAX: 90/71/211534;
TLX: 62739 (SADE TR).
CONTACT: Ibrahim Paksoy, Asst. Gen. Mgr.
Solvent extraction; crush cap. 400MT/day; storage cap. 20,000MT; crude degummed soybean oil, meal; served by rail, ship and truck. Refining cap. 400MT/day; storage cap. 15,000MT; edible soy oil products, hydrogenated soy oil, refined soybean oil; served by rail, truck and ship. Soy flour; soy oil products, cooking/salad oil; margarine; shortening. Lecithin (industrial grade).

UNITED ARAB EMIRATES

Emirates Refining Company ★★ *R SF*
Affiliate of Emirates Industrial & Trading Co.
P.O. Box 4115, Sharjah,
UNITED ARAB EMIRATES;
PH: 971/6/357966; FAX: 971/6/353544;
TLX: 68855 IFFCO EM.
CONTACT: Rizwan Ahmed, GM
PLANT SUPERINTENDENT: N. Hassan Siddizui
Refining cap. 200MT/day; storage cap. 8000MT; refined soybean oil; served by ship, and truck. soy oil products, cooking /salad oil; margarine; shortening.

SF = Edible Soy Products/Soyfoods
IP = Industrial Soy Products

UNITED STATES OF AMERICA (U.S.A.)

Abripro Biosciences Inc. (ABI)
6700 Antioch, P.O. Box 2955,
Shawnee Mission, KS, 66213 U.S.A.;
PH: 913/384-4940; FAX: 913/384-0208.
CONTACT: Tim Ream, Oilseeds Business Mgr.
Soybean breeder; soybean seed supplier.
EXPORTER: ~~Soybean varieties~~; soybean seed.

Ag Processing Inc. ★
C R SF IP
MAIN OFFICE: 11717 Burt Street,
Omaha, NE, 68154-1581 U.S.A.;
PH: 402/496-7809; FAX: 402/498-2215.
OTHER OFFICES: Van Buren, AR; Eagle Grove, IA; Mason City, IA; Manning, IA, Sergeant Bluff, IA; Sheldon, IA; Dawson, MN; St. Joseph, MO; Denison, TX
CONTACT: James W. Lindsay, CEO
PLANT SUPERINTENDENT: Pat Reisner
Solvent extraction; animal/livestock feed, crude degummed soybean oil, crude soybean oil, hulls, meal, white flakes for edible purposes; served by barge, rail and truck.
CONTACT: Tony Porter
Crude degummed soybean oil, edible soy oil products; served by barge, rail and truck. Lecithin (edible grade); soy flour; soy grits; soy oil products, AGSOY cooking/salad oil. Lecithin (industrial grade); soy flour/soy protein (industrial grade); soy oil (industrial grade); soy sterols and tocopherols; soybean fatty acids.
CONTACT: Joe Meyer.

Ag Processing Inc. ★ *C*
Kibler Road, P.O. Box 389,
Van Buren, AR, 72956-0389 U.S.A.;
PH: 501/474-6871.
CONTACT: Fred Stephenson, Acting Mgr.
Solvent extraction; meal.

Ag Processing Inc. ★ *C*
1605 19th Street, S.W., P.O. Box 1068,
Mason City, IA, 50401-6334 U.S.A.;
PH: 515/423-4733.
CONTACT: Jerry Moyer, Merch'g. Mgr.
PLANT SUPERINTENDENT: Carl Parker
Solvent extraction; meal.

Ag Processing Inc. ★ *C*
N. Commercial Street, P.O. Box 85,
Eagle Grove, IA, 50533-0085 U.S.A.;
PH: 515/448-4711; TLX: 467762.
CONTACT: Cal Meyer, Merch'g. Mgr.
PLANT SUPERINTENDENT: Phil Huffman
Solvent extraction; meal.

Ag Processing Inc. ★ *C*
804 Second Avenue, P.O. Box 220,
Sheldon, IA, 51201-1404 U.S.A.;
PH: 712/324-2531.
CONTACT: Gary Olsen, Merch'g. Mgr.
PLANT SUPERINTENDENT: Dave Nestor
Solvent extraction; meal.

Ag Processing Inc. ★ *C*
Port Neal Industrial Area, P.O. Box 200,
Sergeant Bluff, IA, 51054-0200 U.S.A.;
PH: 712/943-4282.
CONTACT: Rich Lee, Merch'g. Mgr.
PLANT SUPERINTENDENT: Jeff Rogers
Solvent extraction; meal.

Ag Processing Inc. ★ *C*
P.O. Box 187,
Manning, IA, 51455-0187 U.S.A.;
PH: 712/653-3985.
CONTACT: Cal Meyer, Merch'g. Mgr.
PLANT SUPERINTENDENT: Mark Craigmile
Solvent extraction; meal.

★ Updated Listing
★★ New Listing

Ag Processing Inc. ★ *C*
8th & Diagonal, P.O. Box BB,
Dawson, MN, 56232-1020 U.S.A.;
PH: 612/769-4386.
CONTACT: Lenny Miller, Merch'g. Mgr.
PLANT SUPERINTENDENT: Lee Gunderson
Solvent extraction; meal.

Ag Processing Inc. ★ *C*
900 Lower Lake Road, P.O. Box 427,
St. Joseph, MO, 64502-0427 U.S.A.;
PH: 816/238-1700.
CONTACT: Terry McClatchey, Merch'g. Mgr.
PLANT SUPERINTENDENT: Mel Holder
Solvent extraction; meal.

Agronico Inc. ★★ *C R SF*
Rural Route 1, Le Center, MN, 56057 U.S.A.;
PH: 612/357-4474; FAX: 612/357-4242.
CONTACT: Mike Vincent, Pres.
PLANT SUPERINTENDENT: John Cooney
Continuous screw press; animal/livestock feed, crude soybean oil, hulls, meal; served by truck. Crude degummed soy oil, edible soy oil products; served by truck. Soy oil products, cooking/salad oil; soy flour; full fat soy flour; textured soy flour.
CONTACT: Mike Vincent, Pres.

Albert Lea Seed House ★★
Box 127 , 1414 West Main Street,
Albert Lea, MN, 56007 U.S.A.;
PH: 1/800-352-5247; 507/373-3161;
FAX: 507/377-7245.
CONTACT: George Ehrhardt, Mgr.
Soybean Seed supplier, supplier of soybeans for food use.

Aloha Tofu Factory Inc. *SF*
961 Akepo Lane, Honolulu, HI, 96817 U.S.A.;
PH: 808/845-2669; FAX: 848-4607.
CONTACT: Jack Uyehara, Exec. Vice Pres.
Soyfoods, tofu & tofu products.

Amber, Inc. ★
220 White Plains Road,
Tarrytown, NY, 10591 U.S.A.;
PH: 914/332-5550; FAX: 914/332-1480;
TLX: (WU) 317784 (AMBER TARY).
CONTACT: Philip C. Horldt, Pres.
Broker, cash/product; **EXPORTER**: Crude degummed soybean oil; refined, bleached, deodorized soybean oil.

American Feed Ingredients, Inc.
5120 Paddock Village Court, Suite B-21, P.O. Box 2267, Brentwood, TN, 37027 U.S.A.;
PH: 615/377-9844; FAX: 615/377-9848.
CONTACT: Richard S. Means, Pres.
Broker, cash/product;

American Food Company ★★ *C*
4738 Valley Blvd.,
Los Angeles, CA, 90032-3834 U.S.A.;
PH: 213/223-7738; FAX: 213/223-8450.
Extraction process, continuous screw; crush cap. 2 to 3 MT/day; storage cap. +2000BU.

American Lecithin Company ★
SF IP
Affiliate of Nattermann Phospholipids Inc.
33 Turner Road, P.O. Box 1908,
Danbury, CT, 06813-1908 U.S.A.;
PH: 203/790-2700; FAX: 203/790-2705.
CONTACT: Randy Zigmont, Pres.
ALCOLEC lecithin (edible grade). ALCOLEC lecithin (industrial grade) for coatings and cosmetics, Phosal™ and Phospholipon™ line of high purity phosphatidylcholine for cosmetics, pharmaceuticals and dermatology.
EXPORTER: Lecithin.

The American Miso Company *SF*
Affiliate of Great Eastern Sun, Inc.
Rt. 3, Box 541, Rutherfordton, NC, 28139 U.S.A.;
PH: 704/287-2940; FAX: 704/286-0311.
OTHER OFFICES: Asheville, NC
CONTACT: Donald J. DeBone, Pres.
Soyfoods, MISO MASTER organic miso.

American Natural Snacks, Inc. ★ *SF*
Affiliate of Tree of Life, Inc.
1755 Lakeside Drive, P.O. Box 1067,
St. Augustine, FL, 32084 U.S.A.;
PH: 904/825-2039; FAX: 904/825-2024.
CONTACT: Casey Van Rysdam, Pres.
Soyfoods, other soy-based foods, SOYA KAAS soy cheese.

American Pride Soyfoods, Inc. *SF*
612 W. Kirkwood, Fairfield, IA, 52556 U.S.A.;
PH: 515/472-9269.
CONTACT: Alex Green, Pres.
Soyfoods, AMERICAN PRIDE tofu & tofu products.

American Soy Products *SF*
1474 N. Woodland Drive,
Saline, MI, 48176 U.S.A.;
PH: 313/429-2310; FAX: 313/429-2112.
CONTACT: James Fox, Vice Pres.
Soyfoods, soymilk, drinks or beverages, original, vanilla and carob flavors.

Archer Daniels Midland Company ★ *C R SF IP*
MAIN OFFICE: 4666 Faries Parkway, P.O. Box 1470, Decatur, IL, 62525 U.S.A.;
PH: 217/424-5200; FAX: 217/424-5447;
TLX: 25-0121 (ADM CO DTR).
OTHER OFFICES: Little Rock, AK; Augusta, Valdosta, GA; Des Moines, IA; Frankfort, IN; Champaign, Galesburg, Granite City, Taylorville, IL; Fredonia, KS; Mankato, MN; N. Kansas City, Mexico, MO; Clarksdale, MS; Fremont, Lincoln, NE; Fostoria, OH; Kershaw, SC; Windsor, Ontario, CANADA (ADM Agri-Industries, Ltd. d/b/a/ Maple Leaf Monarch); Spyck, GERMANY (ADM Oelmuehlen GmbH); Rotterdam, NETHERLANDS (A.D.M. Company Europe); Europoort, NETHERLANDS (A.D.M. Europoort).
CONTACT: Randy Neumayer, Mgr.
Solvent extraction; crude degummed soybean oil, crude soybean oil, hulls, meal, white flakes for edible purposes; served by rail and truck.
CONTACT: Randy Neumayer, Mgr.
Crude degummed soybean oil, edible soy oil products, hydrogenated soy oil, refined soybean oil; served by rail and truck.
CONTACT: James Stowell.
Isolated soy proteins; simulated meat products; soy flour; full fat soy flour; soy grits; soy protein concentrates; lecithin (edible grade) Liquid: Yelkin, Beakin, Capsulec, Thermolec Powdered/granulated: Yelkinol; Lecithin (Industrial Grade) Liquid: Yelkin, Stablec Eds, Stablec IDC, R& R551 Powdered/ Granulated: Yelkinol for paints, inks, animal feeds.
CONTACT: Roger Kilburn for proteins, Pat Schroder for lecithins.

See Our Advertisements On Back Cover and P. 28, 48 & 49

Archer Daniels Midland Company ★ *C*
Foot of E. 9th Street, P.O. Box 30,
Little Rock, AR, 72203 U.S.A.;
PH: 501/372-0277; FAX: 501/372-0276;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Mark Bemis, Mgr.
Solvent extraction; crude soybean oil, hulls, meal.

Archer Daniels Midland Company ★ *C*
P.O. Box 1589, Valdosta, GA, 31603 U.S.A.;
PH: 912/242-0100; FAX: 912/242-7422;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Kevin Burgard, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ *C*
960 Molly Pond Road, P.O. Box 729,
Augusta, GA, 30903 U.S.A.;
PH: 404/722-3165; FAX: 404/722-3165;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Bob Meismer, Mgr.
Solvent extraction; hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ *C R*
P.O. Box C, Des Moines, IA, 50316 U.S.A.;
PH: 515/263-3256; FAX: 515/263-3282;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Royce Wilken, Mgr.
Solvent extraction; crude degummed soybean oil, hulls, meal; served by rail and truck.
CONTACT: Royce Wilken, Mgr.
Crude degummed soybean oil, edible soy oil products, hydrogenated soy oil, refined soybean oil; served by rail and truck.
CONTACT: Jim Stowell.

Archer Daniels Midland Company ★ *C*
P.O. Box 1249, Granite City, IL, 62040 U.S.A.;
PH: 618/931-8249; FAX: 618/797-2989;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Arnie Blackfelner, Mgr.
Solvent extraction; crude soybean oil, hulls, meal.

Archer Daniels Midland Company ★ *C*
Wilbur Heights Road, P.O. Box 68,
Champaign, IL, 61820 U.S.A.;
PH: 217/424-5422; FAX: 217/424-5447;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Randy Neumayer, Mgr.
Solvent extraction; hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ *C*
No. Route 48, P.O. Box 139,
Taylorville, IL, 62568 U.S.A.;
PH: 217/824-3371; FAX: 217/824-3371;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Dale Royer, Mgr.
Solvent extraction; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ *C SF*
1021 S. Henderson Street, P.O. Box 711,
Galesburg, IL, 61401 U.S.A.;
PH: 309/343-1155; FAX: 309/343-0056;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Bob Rasmus, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ *C R*
Blinn Road, P.O. Box 249,
Frankfort, IN, 46041 U.S.A.;
PH: 317/654-8426; FAX: 317/654-8426;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Dave Marshall, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck. Crude degummed soybean oil; served by rail and truck.

Archer Daniels Midland Company ★ *C*
209 W. Adams Street, P.O. Box 558,
Fredonia, KS, 66736 U.S.A.;
PH: 316/378-2102; FAX: 316/378-4566;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Kirk Hartnett, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ *C*
Third & Harper Streets, P.O. Box 728,
Mankato, MN, 56001 U.S.A.;
PH: 507/625-7947; FAX: 507/625-8420;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Dan Larson, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ *C*
200 W. 19th Avenue, P.O. Box 12567,
N. Kansas City, MO, 64116 U.S.A.;
PH: 816/221-2117; FAX: 816/221-1468;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Craig Huss, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ *C*
400 E. Holt Street, P.O. Box 797,
Mexico, MO, 65265 U.S.A.;
PH: 314/581-4195; FAX: 314/581-2056;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Greg Webb, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ *C*
Lyon Road, P.O. Box 10,
Clarksdale, MS, 38614 U.S.A.;
PH: 601/627-9245; FAX: 601/624-8693;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Tommy Simms, Mgr.
Solvent extraction; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ *C R SF*
78th & Thayer, P.O. Box 29268,
Havelock Station, Lincoln, NE, 68529 U.S.A.;
PH: 402/464-9131; FAX: 402/464-3757;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Scott Frederickson, Mgr.
Solvent extraction; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail and truck.
CONTACT: Jim Stowell.
Crude degummed soybean oil, edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by rail and truck. Lecithin (edible grade); soy oil products, cooking/salad oil; margarine; shortening.

Archer Daniels Midland Company ★ *C*
130 N. Broad, P.O. Box 1286,
Fremont, NE, 68025 U.S.A.;
PH: 402/721-6798; FAX: 402/721-6798;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Jim Hansen, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ *C SF*
608 Findlay Road, P.O. Box 110,
Fostoria, OH, 44830 U.S.A.;
PH: 419/435-6633; FAX: 419/435-6472;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Brian Forster, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Archer Daniels Midland Company ★ *C*
427 N. Hampton, P.O. Box 10913,
Kershaw, SC, 29067 U.S.A.;
PH: 803/475-3029; FAX: 803/475-8245;
TLX: 25-0121 (ADM CO DTR).
CONTACT: Ray Sertain, Mgr.
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

C = Soybean Processor (Crusher)
R = Soybean Oil Refiner

Arista Industries, Inc. ★
1082 Post Road, Darien, CT, 06820 U.S.A.;
PH: 203/655-0881; FAX: 203/656-0328;
TLX: 996493 (HACKBEN DARN).
CONTACT: Charles Hillyer, Vice Pres.
EXPORTER: Refined soybean oil; epoxidized soybean oil; partially hydrogenated soybean oil.

Arrowhead Mills, Inc. *SF*
110 S. Lawton, P.O. Box 2059,
Hereford, TX, 79045 U.S.A.;
PH: 806/364-0730; FAX: 806/364-8242.
CONTACT: Boyd Foster, Pres.
Full fat soy flour, 12 and 24 ounce cases and 30 pound bags; soyfoods, whole grain soy flakes, 12 and 1 pound cases.
CONTACT: Pete Holcombe.

Ashland Soy Works *SF*
280 Helman Street,
Ashland, OR, 97520 U.S.A.;
PH: 503/482-1865.
CONTACT: James Muhs
Soyfoods, soymilk, drinks or beverages; tofu; other soy-based foods, various.

Atomergic Chemetals Corporation ★ *SF IP*
222 Sherwood Avenue,
Farmingdale, NY, 11735-1718 U.S.A.;
PH: 516/694-9000; FAX: 516/694-9177;
TLX: 6852289.
CONTACT: Paula Weiss, Mkting. Mgr.
Lecithin (edible grade); isolated soy proteins; other soy-based foods, Saponin. Soy sterols & tocopherols.

Avatar Corporation *SF IP*
7728 W. 99th Street,
Hickory Hills, IL, 60457 U.S.A.;
PH: 708/430-4200.
OTHER OFFICES: Minneapolis, MN (warehouse)
CONTACT: Michael L. Shamie, Pres.
LSC 3070, LSC 5040 lecithin (edible grade); soyfoods, other soy-based foods, DPO-100, BROWN 'N SERVE oil (bread pan oils); CO 8020 (release agents).
CONTACT: Matthew Peterschmidt.
pharmaceutical grade triglycerides (soy based).

Azumaya Inc. *SF*
1575 Burke Avenue,
San Francisco, CA, 94124 U.S.A.;
PH: 415/285-1130; FAX: 415/285-0327.
CONTACT: William Mizono, Pres.
Soyfoods, tofu & tofu products, AZUMAYA Japanese tofu; Chinese 2 pe; kinugoshi; other soy-based foods, STIR FRUITY, creamy tofu.

H. J. Baker & Bro., Inc. ★
100 East 42nd Street, Pershing Square Building, New York, NY, 10017 U.S.A.;
PH: 212/867-0200; FAX: 212/370-1639;
TLX: (ITT) 420944 (HJBA) or (MCI) 620268 (HJBAK) or (WUI) 12487 (HJBA).
OTHER OFFICES: Atlanta, GA; LaGuna Hills, CA; Little Rock, AK
CONTACT: K. E. Mayer, Mgr., Fats & Oils Dept.
Broker, cash/product.

BAR N.A., Inc. *C SF*
205 S. Main Street, P.O. Box 190,
Seymour, IL, 61875 U.S.A.,
PH: 217/687-4810; FAX: 217/687-4830;
TLX: 754477 (BAR NA UD).
CONTACT: Julie Ohlsson, Admin. Asst.
Continuous screw press; crush cap. 10MT/day; crude degummed soybean oil, meal. Soy flour, stone ground, natural; extruded full fat soy flour. **EXPORTER**: Natural and certified organic mechanically pressed soy oil and stone-ground soy flour.

SF = Edible Soy Products/Soyfoods
IP = Industrial Soy Products

Barricini Foods, Inc. ★ *SF*
Affiliate of Farm Foods
49 Old Bloomfield Avenue,
Mountain Lakes, NJ, 07046 U.S.A.;
PH: 201/334-0101; FAX: 201/334-1630.
CONTACT: Steve A. Myers, Vice Pres., Sales
Soyfoods, frozen yogurt, pints, bars, and sandwiches, ICE BEAN nondairy frozen desserts, pints, quarts, bars and sandwiches, honey sweetened nondairy, brown rice syrup, sweetened; other soy-based foods, organic pita classics, soy based frozen entrees.

Bartlett and Company ★
4800 Main Street, Suite 600,
Kansas City, MO, 64112- U.S.A.;
PH: 816/753-6300; FAX: 816/753-0062;
TLX: 510-601-6803 (BART GRAIN KSC).
CONTACT: Duncan Wilson, Merchandiser
Broker, cash/product.

Benson-Quinn Company ★
1075 Grain Exchange Building (North),
P.O. Box 15226,
Minneapolis, MN, 55415-0226 U.S.A.;
PH: 612/340-5900; FAX: 612/340-1416.
CONTACT: Laurence Neumann, CEO
Broker, cash/product;

Best Foods, CPC International, Inc. *SF*
International Plaza, P.O. Box 8000,
Englewood Cliffs, NJ, 07632 U.S.A.;
PH: 201/894-4000; FAX: 201/894-2186;
TLX: 135440.
CONTACT: Roger Knapp, Dir., Commodity Purchasing
Soy oil products, MAZOLA cooking/salad oil; MAZOLA margarine; HELLMANN'S, BEST FOODS salad dressing.

Betsy's Tempeh ★ *SF*
14780 Beardslee Road,
Perry, MI, 48872 U.S.A.;
PH: 517/675-5213.
CONTACT: Betsy Shipley, Mgr.
Soyfoods, BETSY'S tempeh (grated & patties).
CONTACT: Gunter Pfaff.

Biofix Corporation
200 Provident Bank Building, Suite 200,
Denton, TX, 76205 U.S.A.;
PH: 817/382-2594; FAX: 817/387-2294;
TLX: 730649 (EXPORTS).
OTHER OFFICES: Panama City, PANAMA; Monterrey, MEXICO; Madrid, SPAIN
CONTACT: Martin Blair, Pres.
Broker, cash/product; **EXPORTER**: Soybean seeds, soybean meal, and soybean lecithin.

Bountiful Bean Soyfoods ★ *SF*
620 Main Street, P.O. Box 329,
Ridgeway, WI, 53582-0329 U.S.A.;
PH: 608/924-1703.
CONTACT: Elizabeth Hanson
PLANT SUPERINTENDENT: Richard Kraemer
Soyfoods, plain, vanilla & flavored soymilk, (qt. or gal. sizes); tofu & tofu products (plain & herbed), hummus with tofu; taboolie with tofu; TASTY TOFU (herbed tofu basted with soy sauce & baked).

Brown Seed Enterprises ★
Rt. 1, Box 358 A, Neoga, IL, 62447 U.S.A.;
PH: 217/895-2335.
CONTACT: Dennis Brown, Gen. Mgr.
Soybean seed supplier; supplier of soybeans for food use; supplier of organically grown soybeans.

★ Updated Listing
★★ New Listing

Bunge Corporation ★ *C*
MAIN OFFICE: 11720 Borman, P.O. Box 28500, St. Louis, MO, 63146 U.S.A.;
PH: 314/872-3030;
FAX: 314/872-0110 or 872-0111.
OTHER OFFICES: Decatur, AL; Marks, Vicksburg, and Jackson, MS; Cairo and Danville, IL; Emporia, KS; Destrehan, LA; and Logansport, IN
CONTACT: Archie Gwathmey, Sen. Vice Pres.
Solvent extraction, animal/livestock feed, crude degummed soybean oil, crude soybean oil, hulls, meal; served by barge, rail, and truck.

See Our Advertisement P. 35

Bunge Corporation ★ *C*
1400 Market Street, N.E., P.O. Box 22[illegible],
Decatur, AL, 35602 U.S.A.;
PH: 205/350-4550, FAX: 205/350-1952.
CONTACT: Jack Thiessen, Dist. Mgr.
Solvent extraction; storage cap. 7,500,000BU or 204,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, hulls, meal; served by barge, rail, and truck.

Bunge Corporation ★ *C*
203 34th Street, Cairo, IL, 62914 U.S.A.;
PH: 618/734-4141 or 800/851-3810;
FAX: 618/734-1515.
CONTACT: Claude J. Rose, District Mgr.
Solvent extraction; crude degummed soybean oil, crude soybean oil, hulls, meal; served by barge, rail, and truck.

Bunge Corporation ★ *C*
700 E. Sixth Avenue, P.O. Box 518,
Emporia, KS, 66801 U.S.A.;
PH: 316/342-7270; FAX: 316/343-6234.
CONTACT: Tom Schmitt, Dist. Mgr.
Solvent extraction; crush cap. 1,742MT/day; storage cap. 3.5 millionBU; crude degummed soybean oil, crude soybean oil, hulls, meal; served by barge, rail and truck.
CONTACT: Jerry Murphy.

Bunge Corporation ★ *C*
River Road, Destrehan, LA, 70047 U.S.A.;
PH: 504/466-5300.
CONTACT: John Robson, Plant Mgr.
PLANT SUPERINTENDENT: John Robson
Solvent extraction; crude degummed soybean oil, crude soybean oil, hulls, meal; served by barge, rail, truck.

Bunge Corporation ★ *C*
520 Cherry Street, Marks, MS, 38646 U.S.A.;
PH: 601/326-2411.
CONTACT: Mickey Lay, District Mgr.
Solvent extraction; crude degummed soybean oil; crude soybean oil, hulls, meal; served by rail, truck.

Bunge Corporation ★ *C*
1000 N. Mill Street, P.O. Box 1410, Jackson, MS, 39205 U.S.A.;
PH: 601/948-5880.
CONTACT: Jim Crowley, Mdsing. Mgr.
Solvent extraction; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail, truck.

Bunge Corporation ★ *C*
P.O. Box 1378, Vicksburg, MS, 39181 U.S.A.;
PH: 601/326-2411.
CONTACT: Larry Clarke, Mdsing. Mgr.
Solvent extraction; crude degummed soybean oil, crude soybean oil, hulls, meal; served by barge, rail, truck.

Bunge Foods ★ *R SF*
725 N. Kinzie Avenue,
Bradley, IL, 60915 U.S.A.;
PH: 815/937-8136; FAX: 815/939-4289.
OTHER OFFICES: Chattanooga, TN; Fort Worth, TX
CONTACT: John C. Brady, Vice Pres.
Hydrogenated soyoil, refined soybean oil, edible soy oil products; served by rail, truck; Soy oil products, cooking/salad oil; salad dressing; margarine; shortening.

C & T Refinery, Inc. ★ *R SF*
Affiliate of The C. F. Sauer Company
2000 W. Broad Street,
Richmond, VA, 23220 U.S.A.;
PH: 804/359-5786; FAX: 804/359-5514;
TLX: 752-903 (CTRICH).
OTHER OFFICES: Charlotte, NC; Greenville, SC (The C.F. Sauer Co.); Richmond, VA (Dean Foods)
CONTACT: Robert E. Holden, Vice Pres.
PLANT SUPERINTENDENT: Dave Logsdon
Edible soy oil products, hydrogenated soy oil. Soy oil products, MASTER CHEF cooking/salad oil; margarine; DUKE'S salad dressing.

Cabotage Trading Company, Inc.
205 W. Avenida Gaviota, Suite A,
San Clemente, CA, 92672 U.S.A.;
PH: 714/492-4503; FAX: 714/492-4503.
OTHER OFFICES: Mexico City, MEXICO
CONTACT: Jon S. Grund, CFO
EXPORTER: Soymilk products (dry); soybeans [specialize in exporting to Mexico & Chile).

Calgene Chemical, Inc. ★ *SF IP*
Affiliate of Calgene, Inc.
600 E. Algonquin Road,
Des Plaines, IL, 60016 U.S.A.;
PH: 708/298-4000; FAX: 708/298-1519;
TLX: 206168 (AGRO-ING).
CONTACT: Frank J. Flider, Gen. Mgr.
Lecithin (edible grade); soy oil products, cooking/salad oil; shortening. Lecithin (industrial grade); soy oil (industrial grade).
CONTACT: Ed Trauth.
Broker, cash/product.

Callahan Enterprises, Inc.
Affiliate of Rhone Roulene Agro.
1122 E. 169th Street,
Westfield, IN, 46074 U.S.A.;
PH: 317/896-5551; FAX: 317/896-5558;
TLX: 276127.
CONTACT: Lynn Croxton, Vice Pres.
Soybean breeder; soybean seed supplier;
EXPORTER: Soybean varieties.

Cargill, Inc.
MAIN OFFICE: 15615 McGinty Road, West,
P.O. Box 9300, Minneapolis,
MN, 55440 U.S.A.;
PH: 612/475-5365; TLX: 29-0794.
OTHER OFFICES: Wichita, KS; Des Moines, IA; Savage, MN; Cedar Rapids, IA; Sioux City, IA; Iowa Falls, IA; Kansas City, MO; Sidney, OH; Bloomington, IL; Lafayette, IN; Gainesville, GA; Fayetteville, NC; Chesapeake, VA; Raleigh, NC; Buenos Aires, ARGENTINA; Melbourne, AUSTRALIA; West Footscray, AUSTRALIA; Queensland, AUSTRALIA; Antwerp, BELGIUM; São Paulo, SP, BRAZIL; Bootle, Liverpool, Merseyside, ENGLAND; Brest, FRANCE; St. Nazaire, FRANCE; Amsterdam, NETHERLANDS; Madrid, SPAIN
CONTACT: John March, Exec. Vice Pres.

Cargill, Inc. *C R*
949 Ridge Road, P.O. Box 1298,
Gainesville, GA, 30503 U.S.A.;
PH: 404/531-4700; FAX: 404/531-4757.
CONTACT: Wayne Tiddy, Acct. Mgr.
Solvent extraction. Hydrogenated soy oil, refined soybean oil.

Cargill, Inc. *C R*
3030 S.E. Granger, P.O. Box 1636, Des Moines, IA, 50306 U.S.A.;
PH: 515/263-3115.
CONTACT: Bruce Leslie, Acct. Mgr.
Solvent extraction. Refined soybean oil.

Cargill, Inc. *C*
P.O. Box 788, Iowa Falls, IA, 50126 U.S.A.;
PH: 515/648-5101.
CONTACT: Ted Williams
Solvent extraction.

Cargill, Inc. *C R SF IP*
411 6th Street N.E., P.O. Box 1748, Cedar Rapids, IA, 52406 U.S.A.;
PH: 319/399-4025; FAX: 319/399-4046.
CONTACT: Larry Fogdall
Solvent extraction. Soy flour; soy grits. Soy flour/soy protein (industrial grade).

Cargill, Inc. *C R*
980 Clark Street, Sioux City, IA, 51102 U.S.A.;
PH: 712/279-1220.
CONTACT: Doug Debelak
Solvent extraction. Hydrogenated soy oil, refined soybean oil.

Cargill, Inc. *C R SF IP*
P.O. Box 1286, Bloomington, IL, 61702 U.S.A.;
PH: 309/827-7100.
CONTACT: Dave Cyrus, Mgr.
Solvent extraction. Soy grits. Soy flour/soy protein (industrial grade); soy oil (industrial grade).

Cargill, Inc. *C R SF IP*
P.O. Box 119, Lafayette, IN, 47902 U.S.A.;
PH: 317/423-1511.
CONTACT: John Bill
Solvent extraction. Soy grits. Soy flour/soy protein (industrial grade); soy oil (industrial grade).

Cargill, Inc. *C R*
P.O. Box 2696, Wichita, KS, 67201 U.S.A.;
PH: 316/292-2380.
CONTACT: Doug Debelak, Acct. Mgr.
Solvent extraction. Hydrogenated soy oil, refined soybean oil.

Cargill, Inc. *C*
DSP Division, 12115 Lynn Avenue, So.,
Savage, MN, 55378 U.S.A.;
PH: 612/894-3190.
CONTACT: Ron Scarborough, Mdsing. Mgr.
Solvent extraction.

Cargill, Inc. *C*
2306 Rochester Avenue, P.O. Box 33413,
Kansas City, MO, 64120 U.S.A.;
PH: 816/245-0500.
CONTACT: Curt Johnson, Acct. Mgr.
Solvent extraction.

Cargill, Inc. *C*
P.O. Box 26987, Raleigh, NC, 27611 U.S.A.;
PH: 919/899-6600.
CONTACT: Doug Fink
Solvent extraction.

Cargill, Inc. *C R*
River Road, P.O. Box 2309,
Fayetteville, NC, 28302 U.S.A.;
PH: 919/433-4900.
CONTACT: Bob Drake
Solvent extraction. Refined soybean oil.

Cargill, Inc. *C*
2400 Industrial Drive,
Sidney, OH, 45365 U.S.A.;
PH: 513/498-4551.
CONTACT: Mike Venker, Acct. Mgr.
Solvent extraction.

Cargill, Inc. *C*
P.O. Box 7506,
Chesapeake, VA, 23324 U.S.A.;
PH: 804/545-8461.
CONTACT: Jim Bohlander
Solvent extraction.

Cemac Foods Corporation *SF*
90 West Street, New York, NY, 10006 U.S.A.;
PH: 212/964-8740, FAX: 212/791-1863;
TLX: 232098 or 62849 or 420538 (BERN UR).
CONTACT: Thomas W. May, Vice Pres.
Soyfoods, tofu & tofu products; other soy-based foods, NU-TOFU cheese alternative.

Central Soya Company, Inc. ★
MAIN OFFICE: 1300 Fort Wayne National Bank Bldg., P.O. Box 1400,
Fort Wayne, IN, 46801-1400 U.S.A.;
PH: 219/425-5100; FAX: 219/425-5153;
TLX: 276170 (CENSOYA FWA A).
OTHER OFFICES: Decatur, IN; Indianapolis, IN; Remington, IN; Gibson City, IL; Bellevue, OH; Delphos, OH; Marion, OH; Hamilton, Ontario, CANADA (Central Soya of Canada Ltd.)
CONTACT: Barry G. Collinsworth, Corp. Comm.
Solvent extraction; crude degummed soybean oil, hulls, meal;CENTROCAP lecithin (edible grade); SOYARICH soy flour; CENTEX and MIRATEX textured soy flour; PROMOSOY, PROCON, RESPONSE and PROCON (textured) soy protein concentrates.
CONTACT: Don Lindsey, 219/425-5442.
Hydrogenated soybean oil, refined soybean oil;
CONTACT: Gary Chenoweth, 219/425-5609.
CENTROMIX lecithin (industrial grade) for paint, ink and animal feed.
CONTACT: Charlie Worrall, 219/425-5361.

See Our Advertisement P. 50

Central Soya Company, Inc. ★ *C SF IP*
Rts. 47 and 9, Box 112,
Gibson City, IL, 60936 U.S.A.;
PH: 217/784-8261.
CONTACT: Gary Hammond, Merch. Mgr.
Solvent extraction; crude degummed soybean oil, hulls, meal; served by rail and truck.
CONTACT: Gary Hammond.
CENTROCAP lecithin (edible grade); SOYARICH soy flour; CENTEX and MIRATEX textured soy flour; PROMOSOY, PROCON, RESPONSE and PROCON (textured) soy protein concentrates.
CONTACT: Don Lindsey, 219/425-5442.
CENTROMIX lecithin (industrial grade) for paint, ink and animal feed.
CONTACT: Charlie Worrall 219/425-5361.

Central Soya Company, Inc. ★ *C*
1160 W. 18th Street, P.O. Box 44570,
Indianapolis, IN, 46244 U.S.A.;
PH: 317/632-8441.
CONTACT: Neil McGough
Solvent extraction; crude degummed soybean oil, hulls, meal; served by rail and truck.

Central Soya Company, Inc. ★ *C R SF*
1200 N. 2nd Street, P.O. Box 1002,
Decatur, IN, 46733-5002 U.S.A.;
PH: 219/724-2101;
TLX: 6711149 (CENSOY UW).
CONTACT: Joe Brocklesby
Solvent extraction; crude degummed soybean oil, crude soybean oil, hulls, meal; served by rail and truck.
CONTACT: Joe Brocklesby
Hydrogenated soybean oil, refined soybean oil; served by rail and truck.
CONTACT: Gary Chenoweth, 219/425-5609.
CENTROPHASE, CENTROLENE, BLENDMAX, CENTROL, ACTIFLO liquid lecithins (edible grade).
CONTACT: Charles T. Worrall, 219/425-5361.

Central Soya Company, Inc. ★ *SF*
413 Cressy Avenue, P.O. Box 127,
Remington, IN, 47977 U.S.A.;
PH: 219/261-2124; FAX: 219/261-2390.
CONTACT: John Kastelic
Soy protein concentrates-functional: Promax, Promine, VAH.
CONTACT: Don Lindsey, 219/425-5442.

C = Soybean Processor (Crusher)
R = Soybean Oil Refiner
SF = Edible Soy Products/Soyfoods
IP = Industrial Soy Products
★ Updated Listing
★★ New Listing

Central Soya Company, Inc. ★ *C R SF IP*
605 Goodrich Road, P.O. Box 369,
Bellevue, OH, 44811 U.S.A.;
PH: 419/483-5340.
Solvent extraction; crude degummed soybean oil, hulls, meal; served by rail and truck.
CONTACT: Ralph Enstad.
Crude degummed soybean oil, refined soybean oil; served by truck and rail.
CONTACT: Dan Kramer, 291/425-5752.
CENTROLEX granules, CENTROPHIL liquid, CENTROL liquid lecithins (edible grade), Promocaf, Promoveal.
CONTACT: Charles T. Worrall, 219/425-5361.
Industrial soy oil.
CONTACT: Dan Kramer, 219/425-5752.

Central Soya Company, Inc. ★ *C*
234 S. Jefferson Street, P.O. Box 485,
Delphos, OH, 45833 U.S.A.;
PH: 419/692-6010.
CONTACT: Noel Kimmel
Solvent extraction; crude soybean oil, hulls, meal; served by rail and truck.

Central Soyfoods ★ *SF*
11 W. 14th Street,
Lawrence, KS, 66044 U.S.A.;
PH: 913/843-0653.
CONTACT: Jim Cooley, Partner
Soyfoods, soymilk, drinks or beverages; tempeh; tofu & tofu products, regular and smoked.

Central Valley Vegetable Oils *C R SF*
2838 Leonis Blvd., P. O. Box 86312,
Los Angeles, CA, 90058-863 U.S.A.;
PH: 213/587-5952; FAX: 213/587-5905;
TLX: 691556 (PROIN LSA).
CONTACT: Jaime Ruiz
Continuous screw press; animal/livestock feed, crude soybean oil; served by truck. Soy oil products, MANCAO margarine (cocoa butter substitute).

Champlain Industries, Inc. ★ *SF*
MAIN OFFICE: 25 Styertowne Road,
Clifton, NJ, 07012 U.S.A.;
PH: 201/778-0094 or 800/222-4904;
FAX: 201/778-0094.
OTHER OFFICES: Cornwall, Ontario, CANADA; Harbor Beach, MI
CONTACT: Rudy J. Krukar, Vice Pres., Sales
PLANT SUPERINTENDENT: Miguel Graniello
Soyfoods, other soy-based foods, soy sauce, HVP.

Champlain Industries, Inc. *SF*
79 State Street,
Harbor Beach, MI, 48441 U.S.A.;
PH: 517/479-3211; FAX: 517/479-3320.
OTHER OFFICES: Cornwall, Ontario, CANADA; Clifton, NJ
CONTACT: Jim Tenbusch
PLANT SUPERINTENDENT: Jim Tenbusch
Hydrolized vegetable protein.

Charlie Lin's "Vitalite" Foods *SF*
103 S. Westminster Street, Box 10,
Waynesfield, OH, 45896 U.S.A.;
PH: 419/225-5139 or 568-8638.
OTHER OFFICES: Lima, OH (office)
CONTACT: Charles Meeker, Pres.
PLANT SUPERINTENDENT: Lisa Bolender
Simulated meat products (analogs), substitute for pork and beef fats, sausage or beef patties; soy fiber; soyfoods, soymilk, drinks or beverages; tofu & tofu products, firm and medium firm, retail and bulk pack; other soy-based foods, sausage, link and patty; beef pattie.

Chew International
43 Fifth Avenue, New York, NY, 10003 U.S.A.;
PH: 212/242-5242.
CONTACT: Ralph H. Chew, Pres.
Broker, cash/product; **EXPORTER**: Soy shortening & soy oil; **IMPORTER**: Soybeans.

W. A. Cleary Products, Inc. ★ *SF IP*
1049 Somerset Street, P.O. Box 10,
Somerset, NJ, 08873 U.S.A.;
PH: 908/247-8000; FAX: 908/247-6977.
CONTACT: Margaret (Peggy) A. Cleary, Pres.
PLANT SUPERINTENDENT: Kerry Barry
Lecithin (edible grade), CLEARATE.
CONTACT: Evelyn
Lecithin (industrial grade).
CONTACT: John Christman

See Our Advertisement P. 29

Clofine Dairy & Food Products, Inc. ★ *SF*
1407 New Road, Box 335,
Linwood, NJ, 08221 U.S.A.;
PH: 609/653-1000; FAX: 609/653-0127;
TLX: 132622 (CLOFINE DAIRY).
CONTACT: Richard Eluk
Soyfoods, frozen desserts; soymilk, drinks or beverages; spray-dried soymilk; spray-dried tofu; tofu & tofu products; other soy-based foods, dry tofu bases for frozen desserts, beverages, baking and salad dressings.

See Our Advertisement P. 45 & 51

Colfax, Inc. *R SF*
MAIN OFFICE: 38 Colfax Street,
Pawtucket, RI, 02860 U.S.A.;
PH: 401/724-3800; FAX: 401/724-4313.
OTHER OFFICES: Philadelphia, PA
CONTACT: Michael B. Dressler, Treas.
Refining cap. 600MT/day; storage cap. 4,500MT; edible soy oil products, hydrogenated soy oil, refined soybean oil; Soy oil products, COLFAX and private labels cooking/salad oil; COLFAX and private labels shortening.

Colfax of Philadelphia, Inc. *R SF*
38 Colfax Street, Pautucket, RI, 02850 U.S.A.;
PH: 215/423-4242; FAX: 215/423-2231.
CONTACT: Gary R. Dressler, Mgr.
Crude degummed soybean oil, edible soy oil products; refined soybean oil; served by truck, barge, rail and ship. Soy oil products, COLFAX, YOLANDA, POPSIT PLUS cooking/salad oil.

Connell & Company ★
Part of The Connell Company
MAIN OFFICE: 1100 Jorie Blvd., Suite 105,
Oak Brook, IL, 60521 U.S.A.;
PH: 708/574-7781; FAX: 708/574-7783.
OTHER OFFICES: Westfield, NJ
CONTACT: Bob Linden, Vice Pres.
Broker, cash/product.

Connell & Company ★
Part of The Connell Company
45 Cardinal Drive,
Westfield, NJ, 07092 U.S.A.;
PH: 908/233-0700; FAX: 908/233-1070.
OTHER OFFICES: Oak Brook, IL
CONTACT: Alfred Diaz, Vice Pres.
Broker, cash/product.

Consolidated Grain and Barge Company ★
100 N. Broadway, 18th Floor, St. Louis, MO, 63102 U.S.A.;
PH: 314/331-0500; FAX: 314/331-0506.
CONTACT: James Stitzlein, Mkting. Dev. Mgr.
supplier of soybeans for food use. **EXPORTER**: Soybeans; soybeans for food use.

Continental Grain Company
277 Park Avenue,
New York, NY, 10172 U.S.A.;
PH: 212/207-5530; FAX: 212/207-5261.
OTHER OFFICES: Guntersville, AL
CONTACT: Ronald L. Anderson, Sr. Vice Pres. & Gen. Mgr.
Broker, cash/product; **EXPORTER**: Soybean oil & meal.

Continental Grain Company, Processing Division *C*
2900 Lake Guntersville Park Drive,
Guntersville, AL, 35976 U.S.A.;
PH: 205/582-9924.
CONTACT: William H. Yochum
Solvent extraction; crush cap. 1,400MT/day; storage cap. 3,000,000BU; crude degummed soybean oil, crude soybean oil, hulls, meal; served by barge, rail and truck.

Conway Oil Company *R SF IP*
1405 W. Washington Street,
Denison, TX, 75020 U.S.A.;
PH: 903/465-3655; FAX: 903/465-2705.
CONTACT: John R. Davis, Pres.
Refining cap. 400MT/day; storage cap. 20,000MT; edible soy oil products, hydrogenated soy oil, refined soybean oil; served by truck and rail. Soy oil products, cooking/salad oil; margarine; salad dressing; shortening. Soy oil (industrial grade); soy sterols & tocopherols; soybean fatty acids.
CONTACT: Andy Wilson.

Cooperative Elevator of Greenwood ★
2000 Garrard Avenue, P.O. Box 392,
Greenwood, MS, 38930 U.S.A.;
PH: 601/453-5423.
OTHER OFFICES: Philipp, MS (Cooperative Elevator)
CONTACT: Lester A. Shipley, Jr., Gen. Mgr.
Broker, cash/product.

Country Brand Seeds, Inc. ★
4735 Sergeant Road,
Waterloo, IA, 50701 U.S.A.;
PH: 319/233-5504; FAX: 319/233-9452;
TLX: 465650 (DUNN INTL ALO).
CONTACT: James E. Dunn, Pres.
Soybean breeder; soybean seed supplier; supplier of soybeans for food use; **IMPORTER**: Soybeans and soybean seed.

Country Grown Foods ★ *C R SF IP*
Formerly Specialty Grain Company, 12202 Woodbine, Redford, MI, 48239 U.S.A.;
PH: 313/535-9222; FAX: 313/535-9712.
CONTACT: David Singsank, Mkting. Dir.
Continuous screw press; crude degummed soybean oil (organic), crude soybean oil, meal (organic); served by rail, ship and truck. Crude degummed soybean oil, organic, edible soy oil products; served by rail, ship & truck. Soy flour; soy grits; soyfoods, soy flakes; Soy flour/soy protein (industrial grade); organic only. Supplier of organically grown soybeans; **EXPORTER**: OCIA organic Clear Hilum soybeans; OCIA organic Corsoy soybeans; OCIA organic partial fat (6%) soy meal; soy flakes (organic); OCIA organic unrefined soy oil (degummed & not degummed).

Cricklewood Soyfoods ★ *SF*
RD #1, Box 161,
Mertztown, PA, 19539 U.S.A.;
PH: 215/682-4109.
CONTACT: Kari Krummenoehl, Pres.
Soyfoods, tempeh; other soy-based foods, BALANCE BURGER/CUTLET.
CONTACT: Renate Krummernoehl

Patrick Cudahy Inc. ★ *R SF*
3500 E. Barnard Avenue, P.O. Box 9990,
Cudahy, WI, 53110 U.S.A.;
PH: 414/744-2000; FAX: 414/744-4213;
TLX: 269455.
CONTACT: Dean Jacobson, Edible Oil Mgr.
Edible soy oil products, hydrogenated soy oil, industrial oil products; served by rail & truck. Soy oil products, shortening.
CONTACT: Charlie Brah

Custom Food Products, Inc. *SF*
730 N. Albany Avenue,
Chicago, IL, 60612 U.S.A.;
PH: 708/722-7500.
CONTACT: James W. Jones, Pres.
Soyfoods, other soy-based foods, dry gravy bases; binders for meat products.

D.C.A. Services Inc.
4983 Sonoma Hwy., Suite M,
Santa Rosa, CA, 95409 U.S.A.;
PH: 707/538-5588.
CONTACT: Richard R. Glowe, Pres.
Broker, cash/product.

Dae Han, Inc. ★★ *C SF*
P.O. Box 14242, Portland, OR, 97214 U.S.A.;
PH: 503/233-8638; FAX: 503/233-8638.
CONTACT: Yeun M. Koo
PLANT SUPERINTENDENT: Yeun M. Koo
Extraction process, continuous screw; served by truck. Soyfoods, tofu & tofu products. supplier of organically grown soybeans;

Dairyland Products, Inc. *SF*
5345 W. 125th Street,
Savage, MN, 55378 U.S.A.;
PH: 612/890-5305; FAX: 612/890-0638.
CONTACT: Thomas C. Sando, Pres
Isolated soy proteins; soyfoods.

Dairyland Seed Company, Inc.
3570 Hwy. H, P.O. Box 958,
West Bend, WI, 53095 U.S.A.;
PH: 414/338-0163; FAX: 414/626-2281.
OTHER OFFICES: Clinton, WI (Dairyland Research Int'l); Gibson City, IL (Corn Belt Research); Mt. Hope, WI (Dairyland Seed Processing)
CONTACT: Thomas G. Strachota, Vice Pres.
Soybean breeder; soybean seed supplier; supplier of soybeans for food use.

DeKalb Pfizer Genetics ★
3100 Sycamore Road,
DeKalb, IL, 60115 U.S.A.;
PH: 815/756-7333.
OTHER OFFICES: Venezia-Mestre, ITALY
CONTACT: Charles W. Crum, Vice Pres., Tech. Services Int'l.
Soybean breeder; soybean seed supplier;
EXPORTER: Soybean varieties, maturity group 0 thru IV.

Delta & Pineland Company ★★
P.O. Box 157, Scott, MS, 38772 U.S.A.;
PH: 601/742-3351; FAX: 601/742-3795.
CONTACT: Randy Dismuke, V.P.
Soybean breeder; soybean seed supplier.

DMV USA ★★ *SF*
Affiliate of DMV Campina
2340 Enterprise Ave., P.O. Box 1628,
La Crosse, WI, 54602-1628 U.S.A.;
PH: 608/781-2345; FAX: 608/781-3299.
CONTACT: Ed Pedrick, Div. Mgr.
Soy fiber; full fat soy flour, textured soy flour; soyfoods, spray-dried tofu; spray-dried soymilk.

See Our Advertisement P. 52

Louis Dreyfus Corp.
10 Westport Road, Wilton, CT, 06897 U.S.A.;
PH: 203/761-9700; FAX: 203/761-2375;
TLX: 697-5459.
Broker, cash/product; **EXPORTER**: Soybeans; soybean meal; soybean oil.

Dunn International, Ltd. ★
4735 Sergeant Road,
Waterloo, IA, 50701 U.S.A.;
PH: 319/233-5504; FAX: 319/233-9452.
CONTACT: James E. Dunn, Pres.
Broker, cash/product; soybean seed supplier; supplier of soybeans for food use; **IMPORTER**: Soybeans; soybean seeds.

Eastman Chemical Company ★ *IP*
Eastman Road, P.O. Box 511,
Kingsport, TN, 37662 U.S.A.;
PH: 615/229-4322; FAX: 615/229-1127;
TLX: 4995088 (TEC ECPI).
OTHER OFFICES: Rochester, NY (DPI)
CONTACT: Thomas Fields, Sr. Purchasing Engr.
Soy sterols & tocopherols.

Eden Foods, Inc. ★ *SF*
701 Tecumseh Road,
Clinton, MI, 49236 U.S.A.;
PH: 517/456-7424; FAX: 517/456-7025.
OTHER OFFICES: Saline, MI (American Soy Products)
CONTACT: Ron Roller, Pres.
Soyfoods, EDENSOY soymilk, drinks or beverages; soy sauce, (edenfoods).
EXPORTER: Dried soy beans; **IMPORTER**: Misos, soy sauces, organic, low sodium & traditional.

Ehrich Seed Farms, Inc. ★
R.R. 1 Box 47, Elmore, MN, 56027 U.S.A.;
PH: 507/943-3762.
CONTACT: Jim Ehrich, Pres.
Soybean seed supplier; supplier of soybeans for food use; **EXPORTER**: Soybean seeds; soybeans for food use.

Ener-G Foods, Inc. ★ *R SF IP*
5960 1st Avenue, So., P.O. Box 84487,
Seattle, WA, 98124 U.S.A.;
PH: 206/767-6660 or 800/331-5222;
FAX: 206/767-4088.
CONTACT: Sam M. Wylde III, Chman.
PLANT SUPERINTENDENT: Roger Traynor
Hydrogenated soy oil; refined soybean oil; edible soy oil products; Served by barge, rail, ship and truck.
CONTACT: Bryant Konen
Soy fiber; full fat soy flour; textured soy flour; soy grits; soy oil products, cooking/salad oil; shortening; soyfoods, SOYQUIK soymilk, drinks or beverages. Soy flour/soy protein (industrial grade), full fat; soy oil (industrial grade).
CONTACT: Sam Wylde, III

Energy Sprouts & Texas Tofu *SF*
3602 High Point,
San Antonio, TX, 78217 U.S.A.;
PH: 512/654-3963; FAX: 512/654-3989.
CONTACT: Bob Phipps, Pres.
Soyfoods, tofu & tofu products; other soy-based foods, soy sprouts.

Fandrich Supply Company ★
Highway 64, P.O. Box 86,
Belvidere, TN, 37306 U.S.A.;
PH: 615/987-3377.
CONTACT: John S. Fandrich, Jr., Pres.
Soybean seed supplier; supplier of soybeans for food use; **EXPORTER**: Soybeans.

Fantastic Foods, Inc. ★ *SF*
1250 N. McDowell Blvd.,
Petaluma, CA, 94954-1113 U.S.A.;
PH: 707/778-7801; FAX:707/778-7607;
TLX: 705077 (FANTASTIC UD).
CONTACT: Deborah Terre, R & D Mgr.
PLANT SUPERINTENDENT: Rich Williams
Soyfoods, other soy-based foods, TOFU SCRAMBLER, TOFU BURGER, TOFU CLASSICS (3 flavors), tofu helpers; FANTASTIC NOODLES (miso flavor); meals in a cup, (most have miso base); vegetarian chili .
CONTACT: Barbara Chapman, Ntl. Sales, Mgr.

Farmers Commodities Corporation
P.O. Box 4887, Des Moines, IA, 50306 U.S.A.;
PH: 515/223-3788;
FAX: 515/223-3701 or 223-3708.
OTHER OFFICES: Chicago, IL; Platteville, CO; Minnetonka, MN; Kansas City, MO; Omaha, NE; Spirit Lake, IA
CONTACT: Harold Richard, Pres.
Broker, cash/product.

Fearn Natural Foods ★ *SF*
Affiliate of Modern Products, Inc.
3015 W. Vera Avenue, P.O. Box 09398,
Milwaukee, WI, 53209 U.S.A.;
PH: 414/352-3333; FAX: 414/352-4478.
CONTACT: Anthony Palermo, C.E.O.
FEARN isolated soy proteins; FEARN lecithin (edible grade), liquid & granular; simulated meat products (analogs); full fat soy flour; textured soy flour; soy grits.

Feed Service Company, Inc. ★
303 Lundin Blvd., P.O. Box 698,
Mankato, MN, 56002-0698 U.S.A.;
PH: 507/387-4464.
CONTACT: Thomas E. Cashman, Pres.
Broker, cash/product.

Fibred, Inc. ★★ *C SF*
10900 Day Rd., S.E.,
Cumberland, MD 21502 U.S.A.;
PH: 301/724-6050; FAX: 301/722-7131.
CONTACT: Fred Griffin, V.P. Sales
PLANT SUPERINTENDENT: Blair Deremer
served by rail, truck. Soy fiber (FI-1, powder, 98% total dietary fiber);

Food Ingredients, Inc. ★ *SF*
535 Tollgate Road, Suites A & B,
Elgin, IL, 60123 U.S.A.;
PH: 708/695-7717; FAX: 708/695-7986.
CONTACT: Robert A. Leonard, Exec. Vice Pres.
HI PRO full fat soy flour. Broker, cash/product;

The Food Plant *SF*
2889 Tradeswest,
Santa Fe, NM, 87501 U.S.A.;
PH: 505/471-8979.
CONTACT: Richard Jennings, Dir.
Soyfoods, SOY LECHE soymilk, drinks or beverages; SOUTHWEST SOY, SANTA FE HARVEST tofu & tofu products; other soy-based foods, secondary soy products (tofu meat analogs).

Fresh Tofu Inc. ★ *SF*
P.O. Box 1125, Easton, PA, 18044 U.S.A.;
PH: 215/258-0883.
CONTACT: Gary Abromowitz, Pres.
Soyfoods, tofu & tofu products.

G & T Commodities, Inc.
103 E. 4th Street, P.O. Box 1057,
Rochester, MI, 48307 U.S.A.;
PH: 313/656-1661; FAX: 313/656-0513.
CONTACT: George A. Enders, Pres.
Broker, cash/product;

Galaxy Cheese, Soyco Foods Div. ★ *SF*
2441 Viscount Row,
Orlando, FL, 32809 U.S.A.;
PH: 1/800/441-9419, 407/855-5500;
FAX: 407/855-7485.
CONTACT: Christopher Morini, V.Pres.
Soyfoods, other soy-based foods, SOYCO and SOYMAGE soy cheese substitutes.

Gamac Grain Company, Inc.
8000 W. 110 Street,
Overland Park, KS, 66210-2315 U.S.A.;
PH: 913/661-6100; FAX: 913/661-6159;
TLX: 238899 (GARN).
CONTACT: Terry Porter, Mgr., Soybean Dept.
EXPORTER: Soybeans, soybean meal and soybean oil.

Gateway Food Products Company *SF*
1728 N. Main Street, P.O. Box 278,
Dupo, IL, 62239 U.S.A.;
PH: 314/231-9932.
CONTACT: Carroll Crosley, Pres.
Soy oil products, cooking/salad oil; shortening.

General Spice, Inc. ★ *SF*
238 St. Nicholas Avenue, P.O. Box 394,
South Plainfield, NJ, 07080 U.S.A.;
PH: 201/753-9100; FAX: 201/753-9635.
OTHER OFFICES: Malden, MA; Detroit, MI
CONTACT: Werner F. Hiller, Pres.
BAKOTEX and SOTEX simulated meat products (analogs), colored, uncolored, flavored & fortified items available; textured soy flour, colored, uncolored, flavored & fortified items available; soy grits, formulated into various other products; soy protein concentrates, texturized; soyfoods, other soy-based foods, PATTY BINDERS, seasoned & unseasoned, colored & uncolored, & fortified if necessary, bacon bits, flavored .

Golden Key Farms, Inc. ★★
11705N-16000E,
Kankakee, IL, 60940 U.S.A.;
PH: 708/946-6686;
CONTACT: Frank L. Pilotte, Mgr.
Supplier of soybeans for food use; supplier of organically grown soybeans.

Golden Pacific, Inc. ★★
Affiliate of Chieng Yu Co., Ltd.
2101 S. Hamilton Road,
Columbus, OH, 43232 U.S.A.;
PH: 614/575-3066; FAX: 614/575-0460.
CONTACT: Judy Sheu, President
EXPORTER: Soy flakes.

Goods Inc./Mainland Oriental Express *SF*
4264 Shoreline Drive, P.O. Box 405,
Spring Park, MN, 55384 U.S.A.;
PH: 612/471-8034; FAX: 612/471-8037.
CONTACT: Robert Housman, C.E.O.
Soy oil products, KENNEDY salad dressing; soyfoods, frozen desserts; MAINLAND EXPRESS soymilk, drinks or beverages; MAINLAND EXPRESS tofu & tofu products.

Grain States Soya, Inc. ★ *C R IP*
P.O. Box 157, West Point, NE, 68788 U.S.A.;
PH: 402/372-2429.
CONTACT: Mark R. Knobbe, Gen. Mgr.
Continuous screw press; crush cap. 85MT/day; storage cap. 205MT; crude degummed soybean oil, crude soybean oil, meal (pellets & cubes), soybean cake; served by truck. Refining cap. 20 MT/day; storage cap. 250MT; crude degummed soybean oil, industrial oil products; served by truck. Full fat soy flour/soy protein (industrial grade).

Granplex, Inc. ★★
Affiliate of Nichimen Corporation
Three Continental Towers, 1701 Golf Road,
Suite 801, Rolling Meadows, IL, 60008 U.S.A.;
PH: 708/228-0066; FAX: 708/228-0151;
TLX: 210003 RCA.
CONTACT: Mr. Masaagi Hisatomi, VP
PLANT SUPERINTENDENT: Mr. Takenobu Sato
EXPORTER: Exporter of wheat, corn, soybeans and other grains to Japan and other countries.

Great Eastern Sun, Inc.
92 McIntosh Road,
Asheville, NC, 28806 U.S.A.;
PH: 704/252-3090; FAX: 704/667-8051.
OTHER OFFICES: Rutherfordton, NC (The American Miso Co.)
CONTACT: Donald E. DeBona, Pres.
IMPORTER: Soy sauce (shoyu and tamari) and miso.

Carl R. Gurley Inc.
Hwy. 70, East, P.O. Box 995,
Princeton, NC, 27569 U.S.A.;
PH: 919/936-7333 or 800/753-3800.
CONTACT: Carl Gurley, Pres.
Soybean seed supplier; supplier of soybeans for food use; **EXPORTER**: Edible soybeans.

Howard Hall International *SF*
223 E. Putnam Avenue, P.O. Box 199,
Cos Cob, CT, 06807 U.S.A.;
PH: 203/869-4504; FAX: 203/869-1439;
TLX: 6819012 (HALL UW).
CONTACT: Howard E. Hall, Pres.
HIGH FIBER MICROSOY soy fiber. **EXPORTER**: Soy fiber.

Jacob Hartz Seed Company, Inc.
No. Park Avenue, P.O. Box 946,
Stuttgart, AR, 72160 U.S.A.;
PH: 501/673-8565 or 800/932-7333;
FAX: 501/673-1476.
CONTACT: Keith Thompson, Food & Export Mgr.
Soybean breeder; soybean seed supplier; supplier of soybeans for food use. **EXPORTER**: Soybean for food use.

Hawaiian Miso & Soy Company, Ltd. ★ *SF*
1714 Mary Street, Honolulu, HI, 96819 U.S.A.;
PH: 808/841-7354.
CONTACT: William T. Higa, Pres.
Soyfoods, SHIRO KOJI miso.

Helena Chemical Company
6075 Poplar Avenue, K #500,
Memphis, TN, 38119-4720 U.S.A.;
PH: 901/761-0050; FAX: 901/761-0133.
CONTACT: Richard Guthrie, Mgr., Seed Dept.
Soybean seed supplier.

Henkel Corporation, Emery Group *R IP*
11501 Northlake Drive,
Cincinnati, OH, 45249 U.S.A.;
PH: 513/530-7321; TWX: 810-461-2412 (EMERY SD CIN); FAX: 513/530-7729.
CONTACT: Morris Fogel, Dir., Communications
Industrial oil products. EMERY soybean fatty acids.

HiPro Food Products, Inc. ★ *SF*
775 Colorado Avenue So.,
Minneapolis, MN, 55416 U.S.A.;
PH: 612/545-0151; FAX: 612/545-1638.
OTHER OFFICES: New Germany, MN (mfg.)
CONTACT: Robert F. Cross, Pres.
Full fat soy flour; full fat soy grits; both available as enzyme active or stabilized (trypson inhibitor inactivated).

Holsum Foods ★★ *SF*
Affiliate of Harvest States Cooperatives
919 14th Street,
Albert Lea, MN, 56007 U.S.A.;
PH: 507/373-2431; FAX: 507/373-7069.
OTHER OFFICES: Waukesha, WI; Omaha, NE; Philadelphia, PA
CONTACT: Aaron Summers, Plant Mgr.
PLANT SUPERINTENDENT: Aaron Summers
Soy oil products, cooking/salad oil; margarine; salad dressing, shortening, Holsum-Private label.

Homer Oil Co., Inc. ★★ *C*
P.O. Box 412, 4 Center St.,
Homer, NY, 13077 U.S.A.;
PH: 607/749-2609; FAX: 607/749-5636.
CONTACT: David Brown, V.P.
PLANT SUPERINTENDENT: David Brown
Continuous screw press; crude soybean oil; served by rail, truck.

Homestyle Foods ★ *SF*
Affiliate of Weider Foods Cos.
2317 Bluebell Drive,
Santa Rosa, CA, 95403-2552 U.S.A.;
PH: 707/525-8822; FAX: 707/579-3972.
OTHER OFFICES: Salt Lake City, UTAH
CONTACT: David Burns, Vice Pres./Gen. Mgr.
Soyfoods, frozen desserts; tempeh; tofu & tofu products; other soy-based foods, tofu & tempeh salads and entrees; tofu desserts; dips & dressings.

Honeymead Products Company *C R SF IP*
Affiliate of Harvest States Cooperatives
2020 S. Riverfront Drive, P.O. Box 3247,
Mankato, MN, 56002 U.S.A.;
PH: 507/345-2251; FAX: 507/345-2254;
TLX: 290867 (HONEYMEAD MAKO).
CONTACT: Dave Schostag, Vice Pres., Oil
Solvent extraction; crush cap. 2,400MT/day; storage cap. 3,000,000MT; animal/livestock feed, hulls, meal, white flakes for edible purposes; served by rail and truck.
CONTACT: Gaylen Ferley.
Refining cap. 680MT/day; storage cap. 8,000 MT; edible soy oil products, hydrogenated soy oil, industrial oil products, refined soybean oil; served by truck and rail. Lecithin (edible grade); soy flour; soy oil products, cooking/salad oil, margarine, salad dressing; shortening (all sold in bulk); soyfoods, soy flakes. Lecithin (industrial grade); soy flour/soy protein (industrial grade); soy oil (industrial grade).
CONTACT: Ed Senska (for flour).

Horizon Trading Company Inc.
1510 H Street, N.W.,
Washington, DC, 20005 U.S.A.;
PH: 202/783-4455; FAX: 202/783-4465;
TLX: 248890 (HORN).
CONTACT: J. Browning Rockwell, Pres.
EXPORTER: Soymilk, tofu & tofu products, isolated soy protein, soybean oil, soy concentrates, soy flour.

House Foods & Yamauchi, Inc. *SF*
526 Stanford Avenue,
Los Angeles, CA, 90013 U.S.A.;
PH: 213/624-3615; FAX: 213/612-0281.
CONTACT: Harry Tanikawa, Sales Mgr.
Soyfoods, HINOICHI soymilk, drinks or beverages; tofu.

House of Tsang *SF*
185 Berry Street, Suite 5405,
San Francisco, CA, 94107 U.S.A.;
PH: 415/243-9760; FAX: 415/243-0157.
CONTACT: William Sher, Dir. of Operations
Soyfoods, specialty flavored soy sauces.

Houston Calco Inc. *C SF*
2400 Dallas Street,
Houston, TX, 77003 U.S.A.;
PH: 713/236-8668; FAX: 713/236-1920.
CONTACT: Amy Huang
Continuous screw press; storage cap. 25 MT; meal; served by truck. Soyfoods, tofu & tofu products.

Hudson Tank Terminals Corporation ★
Marsh & Export Streets, Building 173, P.O. Box 2549, Newark, NJ, 07114 U.S.A.;
PH: 201/465-1115; FAX: 201/465-9053;
TLX: 130026 (HUDSONTAK).
CONTACT: Liam Rogers, Mkting. Mgr.
EXPORTER: Soybean oil; **IMPORTER**: Soybean oil.

See Our Advertisement P. 241

HYBCO, U.S.A. ★★ *SF*
333 S. Mission Road,
Los Angeles, CA, 90033 U.S.A.;
PH: 213/269-3111; FAX: 213/269-3130;
TLX: (RCA) 215485 (HYBC).
CONTACT: David Kashani, Man. Dir.
Soy oil products, cooking/salad oil; margarine; salad dressing; shortening.

Identity Seed & Grain Company ★
1325 N. Atlantic Avenue, Suite 34,
Cocoa Beach, FL, 32931 U.S.A.;
PH: 407/783-7333; FAX: 407/799-0405.
CONTACT: David R. Kemmerer, Exec. V.P.
Broker, cash/product; supplier of soybeans for food use; **EXPORTER**: Soybeans for tofu, miso, natto and sprouting.

See Our Advertisement P. 43

Illinois Foundation Seed ★★
P.O. Box 722, Champaign, IL, 61824 U.S.A.;
PH: 217/485-6260; FAX: 217/485-3687.
CONTACT: Lowell Mennenga, Sales Mgr.
PLANT SUPERINTENDENT: Richard Denhart
Soybean breeder; soybean seed supplier; supplier of soybeans for food use; **EXPORTER**: soybean varieties in maturity groups I-IV.

INARI, Ltd. (International Nutrition & Resources, Inc.) *SF*
200 State Street, Mason, MI, 48854 U.S.A.;
PH: 517/676-3836; FAX: 517/676-6721.
CONTACT: Charles Follett, Pres.
Soyfoods, NUTTY NUGGETS soynuts (whole soybean snacks), flavored and confection coated; other soy-based foods, soynut butter, paste made from ground soynuts.

International Farmers Grain Inc.
460 West 34th Street,
New York, NY, 10001 U.S.A.;
PH: 212/947-8585; FAX: 212/629-3147;
TLX: 12319 (EAST EUR NYK).
CONTACT: Dr. Robert Ross
Broker, cash/product; **EXPORTER**: Soybeans; soybean meal 44% & 48%.

International Proteins Corporation
25 Just Road, P.O. Box 1169,
Fairfield, NJ, 07007 U.S.A.;
PH: 201/227-2714; FAX: 201/227-6533;
TLX: 178010 (MAPCO).
OTHER OFFICES: Fresno, CA; Santiago, CHILE
CONTACT: Eric H. Jackson, Vice Pres.
EXPORTER: Soybeans; soybean meal.
IMPORTER: Soybeans & soybean products.

Island Spring, Inc. ★ *SF*
18846 103rd Street, S.W., P.O. Box 747,
Vashon, WA, 98070 U.S.A.;
PH: 206/463-9848; FAX: 206/622-6448.
CONTACT: W.M. Luke Lukoskie, CEO
Soyfoods, ISLAND SPRING soymilk (plain); tofu, 5 types; other soy-based foods, ISLAND SPRING tofu burgers, ISLAND SPRING tofu pasta, ISLAND SPRING RollUMS.

C. Itoh & Company, (America) Inc.
Affiliate of C. Itoh & Co., Ltd.
335 Madison Avenue,
New York, NY, 10017 U.S.A.;
PH: 212/818-8310; FAX: 212/818-8328.
CONTACT: Kohji Nagasaka, Vice Pres.
IMPORTER: Soybeans.

JFC International Inc. *SF*
Affiliate of Kikkoman Corporation, Japan
540 Forbes Blvd., P.O. Box 7251,
San Francisco, CA, 94120 U.S.A.;
PH: 415/871-1660; FAX: 415/952-3272.
OTHER OFFICES: Los Angeles, CA; Chicago, IL; New York, NY (Tokyo Foods, mfg.)
CONTACT: Thomas Sugihara, V.P.,
Soyfoods, tofu & tofu products. Broker, cash/product;

JMS Seed Company
Affiliate of Biotechnica Agriculture Inc.
105 Pine Street, P.O. Box 211,
Dieterich, IL, 62424 U.S.A.;
PH: 217/925-5212; FAX: 217/925-5210.
CONTACT: Ron Prinz, Gen. Mgr.
Soybean breeder; soybean seed supplier; **EXPORTER**: Proprietary soybean seed.

Kapaa Poi Factory *SF*
RR 1 Box 366,
Kapaa/Kauai, HI, 96746 U.S.A.;
PH: 808/822-5426.
Soyfoods, tofu & tofu products.

Karlshamns USA Inc. ★ *SF IP*
Subsidiary of Karlshamns A.B., Sweden
525 W. 1st Avenue, P.O. Box 569,
Columbus, OH, 43216-0569 U.S.A.;
PH: 614/299-3131; FAX: 614/299-2584;
TLX: 25494 (CAPCTY PRD COL).
CONTACT: John B. LaFontaine, Pres.
PLANT SUPERINTENDENT: James E. Willits, Vice Pres., Operations
Soy oil products, cooking/salad oil; margarine, shortening.
CONTACT: Frank Stynes.
Industrial soy oil for paints; soybean fatty acids for paints and lecithin thinner.
CONTACT: R. T. Edwards.

Kikkoman Foods, Inc. *SF*
Hwy. 14 & Six Corners Road, P.O. Box 69,
Walworth, WI, 53184 U.S.A.;
PH: 414/275-6181; FAX: 414/275-9452.
CONTACT: William Nelson, Vice Pres.
Soyfoods, KIKKOMAN soy sauce; other soy-based foods, KIKKOMAN teriyaki sauce.

Kraft Food Ingredients Corp. *R SF*
Affiliate of Kraft General Foods
1161 Oak River Road,
Memphis, TN, 38120 U.S.A.;
PH: 901/682-8085; FAX: 901/766-2120.
OTHER OFFICES: Memphis, TN; Sherman, TX; Jacksonville, IL; Champaign, IL
CONTACT: W. D. Cox, V.P. Oil Procurement
Hydrogenated soy oil, refined soybean oil; served by truck and rail. Soy oil products, cooking/salad oil; margarine; salad dressing; shortening.

L.J.B. Enterprises, Inc. ★★ *SF*
P.O. Box 1251, 2129 41st St., Suite A,
Los Alamos, NM, 87544 U.S.A.;
PH: 505/662-4699; FAX: 505/292-5454.
CONTACT: Leroy J. Binder, President
Simulated meat products (analogs) golden age meatless "meat";

Lauhoff Grain Company ★ *C SF*
Affiliate of Bunge Corporation
321 E. North Street, P.O. Box 571,
Danville, IL, 61834 U.S.A.;
PH: 217/442-1800.
CONTACT: Richard T. Pittelkow, Pres.
Solvent extraction; crush cap. 3000MT/day; storage cap. 12,000,000BU; crude soybean oil, hulls, meal; served by rail and truck. crude nondegummed soybean oil; served by rail and truck. Soy fiber; soy flour; soy grits.
CONTACT: Robert L. Linn.

Lecanto Tofu Shop *SF*
Affiliate of Day, Inc.
Rt. 2, Box 763-Z,
Lake Butler, FL, 32054 U.S.A.;
PH: 904/496-3714.
CONTACT: Donald Young, Pres.
PLANT SUPERINTENDENT: Donald Young
Soyfoods, tofu & tofu products, water- & vacuum-packed (soft & firm), baked & yeast baked tofu.
CONTACT: Greg Young.

Lee Seed Company, Inc. ★ *SF*
RR1, P.O. Box 14, Inwood, IA, 51240 U.S.A.;
PH: 712/753-4403.
CONTACT: Joyce Lee, Pres.
Soyfoods, SUPER SOYNUTS soynuts (whole soybean snacks), 10 flavors, available packaged or bulk.

Legume, Inc. *SF*
112 Main Road,
Montville, NJ, 07045-9777 U.S.A.;
PH: 201/263-1013.
CONTACT: Gary Barat
Soyfoods, other soy-based foods, LEGUME frozen entrees; BARAT tofu chocolate.

Lever Brothers Company *SF*
Affiliate of Unilever, London & Rotterdam
390 Park Avenue, 4th Floor,
New York, NY, 10022 U.S.A.;
PH: 212/906-4743; FAX: 212/644-4980;
TLX: (MCI/RCA) 666113 (LBCOM).
CONTACT: David Italiaander, Mgr., Fats & Oil
Soy oil products, IMPERIAL, PROMISE, SHEDD'S SPREAD, MRS. FILBERTS, I CAN'T BELIEVE IT'S NOT BUTTER margarine.

Light Foods, Inc. *SF*
4589 Clearbrook Drive, St. Charles, MO,
63303 U.S.A.;
PH: 314/447-5433.
OTHER OFFICES: Clinton, WA
CONTACT: Donna Davis Secy./Treas.
Soyfoods, LIGHT LINKS, NEW LIGHT LINKS, LINK SPECIALS, LIGHT LONEY, TOFU BROWNERS simulated meat products (analogs).

Lightlife Foods, Inc. ★ *SF*
74 Fairview Street, P.O. Box 870,
Greenfield, MA, 01302 U.S.A.;
PH: 413/774-6001.
CONTACT: Richard McKelvey, Ntl., Sales Mgr.
TOFU PUPS® (meatless frankfurters), FAKIN BACON®, AMERICAN GRILL™ (vegetarian burger) simulated meat products (analogs); soyfoods, TEMPEHWORKS™ tempeh,6 varieties.

Litetrends *SF*
335 Paint Branch Drive,
College Park, MD, 20742 U.S.A.;
PH: 301/314-7778; FAX: 301/314-9592.
CONTACT: Ed Walker, Vice Pres.
PLANT SUPERINTENDENT: Andy Wilks
Soyfoods, tofu & tofu products, second generation tofu products.
CONTACT: Andy Wilks, Vice Pres.

O. H. Little Company
P.O. Box 5099,
Shreveport, LA, 71135-5099 U.S.A.;
PH: 318/865-5580; FAX: 318/869-0175.
CONTACT: Chuck Prince, Pres.
Broker, cash/product.

Living Farms
187 4th Street, P.O. Box 50,
Tracy, MN, 56175 U.S.A.;
PH: 507/629-4431; NAT WATS-800/533-
5320; FAX: 507/629-4253.
CONTACT: Ardell Anderson
Broker, cash/product; supplier of soybeans for food use; supplier of organically grown soybeans; **EXPORTER**: Organically grown soybeans for food use.

Lockhart Grain & Fertilizer Company, Inc.
Port Elevator - White River, 200 Campbell
Street, P.O. Box 521,
Augusta, AR, 72006 U.S.A.;
PH: 501/347-2581; FAX: 501/347-5174.
CONTACT: Bob Brannon
broker, cash/product; supplier of soybeans for food use; **EXPORTER**: Soybeans (bulk).

Lou Ana Foods, Inc. *R SF IP*
Affiliate of Schad Industries, Inc.
731 N. Railroad Avenue, P.O. Box 591,
Opelousas, LA, 70570 U.S.A.;
PH: 318/948-6561; FAX: 318/942-6239;
TLX: 58-6645 (LAF/OPLS).
OTHER OFFICES: Kingwood, TX
CONTACT: James Boswell, V.P., Indus. Sales
Edible soy oil products, hydrogenated soy oil, industrial oil products; refined soybean oil; served by truck, ship and rail. Soy oil products, LOU ANA cooking/salad oil (bulk, institutional & retail). Soy oil (industrial grade).

Loveland Industries, Inc. *IP*
14520 Weld Co Road #64, P.O. Box 1289,
Greeley, CO, 80632 U.S.A.;
PH: 303/356-8920; FAX: 303/356-8926.
CONTACT: Larry Jenkins
Lecithin (industrial grade); soy oil (industrial grade).

Lucas Meyer, Inc. ★ *SF IP*
Affiliate of Lucas Meyer GmbH & Company
765 E. Pythian Avenue, P.O. Box 3218,
Decatur, IL, 62524 U.S.A.;
PH: 217/875-3660; FAX: 217/877-5046.
PLANT SUPERINTENDENT: Roger Sinram
M-C-THIN, EPIKURON, METARIN lecithin (edible grade); soy fiber; NURUPAN soy flour; full fat soy flour; NURUPAN soy grits; soyfoods, NURULAT soymilk, drinks or beverages.
CONTACT: Stan Barnes or David Rosenbery
LECIWET, EMULMETIK, COLOROL, FORBEST, M-C-THIN lecithin (industrial grade).
CONTACT: Raymond Reschetz

Lumen Food Corporation ★ *SF*
409 Scott Street, P. O. Box 350, Lake Charles,
LA, 70601 U.S.A.;
PH: 318/436-6748; FAX: 318/436-1769.
CONTACT: Greg Caton, Pres.
HEARTLINE MEATLESS MEATS, CAJUN JERKY simulated meat products (analogs).
EXPORTER: Soybean products.

C = Soybean Processor (Crusher)
R = Soybean Oil Refiner

SF = Edible Soy Products/Soyfoods
IP = Industrial Soy Products

★ Updated Listing
★★ New Listing

Mallet & Company, Inc. ★ *SF*
Bell Avenue & Roslyn Road, P.O. Box 474,
Carnegie, PA, 15106 U.S.A.;
PH: 412/276-9000; FAX: 412/276-9002.
CONTACT: Aaron E. Margolis, Exec. Vice Pres.
PLANT SUPERINTENDENT: J. Galicic
Soy oil products, MELLO GOLD, MELLOW SUPREME cooking/salad oil; SATIN GLO, PRIME FRY, FRY WELL shortening; soyfoods, other soy-based foods, PAN & GRIDDLE GOLD, GOURMET, SUNSHINE, POPNGOLD & SPARKLE popcorn oils; VEGALUBES bread pan oils; THRIFTEE cake depanning compounds; bread divider oils; trough greasers.
CONTACT: F. Sichok or J. Reighel.

Mandarin Soy Sauce, Inc. ★ *SF*
419 North Street,
Middletown, NY, 10940 U.S.A.;
PH: 914/343-1505; FAX: 914/343-0731.
CONTACT: Michael Wu, Vice Pres.
Soyfoods, WANJASHAN soy sauce; other soy-based foods, hoisin sauce, bean sauce.

Marubeni America Corporation
200 Park Avenue,
New York, NY, 10166 U.S.A.;
PH: 212/599-3755; TWX: (WU) 012424;
FAX: 212/599-3987.
CONTACT: Ishi Gami, Mgr., Oilseed Dept.
Broker, cash/product; **EXPORTER**: Soybean, soybean oil, soybean meal.

Maywood Holdings, Inc. ★
990 N. Corporate Drive, #222,
New Orleans, LA, 70123 U.S.A.;
PH: 504/436-2000; FAX: 504/734-7136;
TLX: 6821248 (MAYWOOD).
CONTACT: Jacques Brazy, Pres.
EXPORTER: Soybeans, soybean oil, soybean meal.

MBS Inc.
P.O. Box 308, Ames, IA, 50010 U.S.A.;
PH: 515/296-2676; FAX: 515/296-2688;
TLX: 5101007164.
CONTACT: John Mathias, Int'l. Mkting. Mgr.
Broker, cash/product; soybean seed supplier, supplier of soybeans for food use.

Mercantile Food Company ★★
4 Old Mill Road, P.O. Box 1140,
Georgetown, CT, 06829-1140 U.S.A.;
PH: 203/544/9891 FAX: 203/544-8409.
CONTACT: Lynda Rockwell, Purchasing Mgr.
supplier of organically grown soybeans (domestic & import); **EXPORTER**: corsoy soybeans (organic).

Merchants Cold Storage Company ★★
1305 E Houston Street, P.O. Box 828, San Antonio, TX, 78293 U.S.A.;
PH: 512/227-0244; FAX: 512/227-7468.
PLANT SUPERINTENDENT: Charles Emrick, Jr.
IMPORTER: public refrigerated warehouse-cooler & freezer storage 1,800,000 cu. ft.

Miami Margarine Company *SF*
5226 Vine Street,
Cincinnati, OH, 45217 U.S.A.;
PH: 513/242-2310; FAX: 513/242-2310.
CONTACT: Jim Heidrich, CEO
Soy oil products, cooking/salad oil, various sizes; margarine, various sizes; salad dressing, various sizes.
CONTACT: Bob Clark, Pres.
EXPORTER: Soy margarine; soy salad dressings; soy mayonnaise and soy salad oil.

Midwest Soya International, Inc. ★
814 N. 5th Street, P.O. Box 537,
Clear Lake, IA, 50428 U.S.A.;
PH: 515/357-6131; FAX: 515/357-7168.
OTHER OFFICES: Thornton, IA
CONTACT: Kim F. Pleggenkuhle, Mgr.
Soybean seed supplier; supplier of soybeans for food use; **EXPORTER**: Food Soybeans for tofu, miso and tempeh & natto.

Mighty Soy, Inc. ★ *SF*
1227 S. Eastern Ave.,
Los Angeles, CA, 90022 U.S.A.;
PH: 213/266-6969;
CONTACT: Maung Myint, Pres.
PLANT SUPERINTENDENT: Mr. Michael Lee
Soyfoods, soymilk, drinks or beverages; tofu & tofu products.

Mills Brothers International, Inc.
7066 S. 188th Street,
Kent, WA, 98032 U.S.A.;
PH: 206/575-3000; FAX: 206/251-0744;
TLX: (RCA) 298555 (MILLS UR).
CONTACT: Eric Mills, Vice Pres.
Broker, cash/product; supplier of soybeans for food use; **EXPORTER**: Soybeans; soybean meal; soy flour; **IMPORTER**: Soybeans; soybean meal.

Minnesota Waxy ★ *C SF IP*
Affiliate of M.W.C.G. Export Company
Elevator Avenue, P.O. Box 128,
Hope, MN, 56046 U.S.A.;
PH: 507/451-3316; FAX: 507/451-2910.
CONTACT: Bruce Waugh, Mgr.
meal; served by barge, rail, ship, truck. Soyfoods, SOY-SUPREME soymilk, drinks or beverages; SOY-SUPREME spray-dried soymilk; SOY-SUPREME spray-dried tofu; SOY-SUPREME tofu & tofu products; soy flour; full fat soy flour; Industrial products, Soy flour, full fat;
CONTACT: Allan Routh.
Broker, cash/product; supplier of soybeans for food use; supplier of organically grown soybeans. **EXPORTER**: Soybeans for soymilk, tofu and natto; soybeans for food uses; soymilk powder; spray-dried tofu.

See Our Advertisement P. 53

Mississippi River Grain Elevator, Inc.
200 Carondelet Street, Suite 1900,
New Orleans, LA, 70130 U.S.A.;
PH: 504/592-4600; FAX: 504/525-5937;
TLX: (MCI) 6822036.
CONTACT: Al Iliss
Broker, cash/product.

Mitsubishi International Corp. ★
Affiliate of Mitsubishi Corp.
520 Madison Avenue,
New York, NY, 10022 U.S.A.;
PH: 212/605-2572; FAX: 212/605-2476;
TLX: 710-581-6762.
OTHER OFFICES: Portland, OR; San Francisco, CA
CONTACT: Syunji Takase, Gen. Mgr.
Broker, cash/product; **EXPORTER**: Soybean oil.

Mitsui & Co. (USA), Inc. ★
Affiliate of Mitsui & Company, Ltd.
303 East Ohio Street, 28th Floor, Time Life Bldg., Chicago, IL, 60611-3392 U.S.A.;
PH: 312/670-3370; FAX: 312/670-2494.
OTHER OFFICES: Portland, OR
CONTACT: Hiroshi Tokunaga, Asst. Gen. Mgr.
EXPORTER: Soybeans; soybean oil; soybean meal.

Miyako Oriental Foods, Inc. *SF*
Affiliate of Yamajirushi—Jyoza K.K., Japan
4287 Puente Avenue,
Baldwin Park, CA, 91706 U.S.A.;
PH: 818/962-9633; FAX: 818/814-4569.
CONTACT: Teruo Shimizu, Vice Pres.
Soyfoods, COLD MOUNTAIN miso, YAMAJIRUSHI miso.

Morinaga Nutritional Foods, Inc. *SF*
2050 W. 190 St., Suite 110,
Torrance, CA 90504
PH: 310/787-0200; FAX: 310/787-2727
CONTACT: Manny Duran, Nat'l Sales Mgr.
Soyfoods, MORI-NU aseptically packaged tofu.

Mycal Group, Nichii Company of America, Inc. ★ *SF*
Affiliate of Nichii Company, Ltd., Japan
MAIN OFFICE: 23440 Hawthorne Blvd., Skypark 2, Suite 140, Torrance, CA, 90505 U.S.A.;
PH: 310/791-0010; FAX: 310/791-0018.
OTHER OFFICES: Jefferson, IA (mfg.)
CONTACT: Al Richardson, Dir., Mkting. & Sales, Soy Prods.
Soyfoods, MICROSOY™ FLAKES soy flakes (full fat) for use as a substitute for whole soybeans in soymilk, tofu and other soy based food products. Suppli[illegible] soy flakes for food use; **EXPORTER**: MICROSOY™ soy flakes, organic and nonorganic.

See Our Advertisement P. 54

Mycal Group, Nichii Company of America, Inc. ★ *SF*
Affiliate of Nichii Company, Ltd., Japan
21 Mycal Drive, Jefferson, IA, 50129 U.S.A.;
PH: 515/386-2100; FAX: 515/386-3287.
OTHER OFFICES: Torrance, CA
CONTACT: John Baranowski, Oper., Plant Supt.
PLANT SUPERINTENDENT: John Baranowski
Soyfoods, MICROSOY™ FLAKES soy flakes (full fat) for use as a substitute for whole soybeans in soymilk , tofu, and other soy based food products. Supplier of soy flakes for food use.
EXPORTER: MICROSOY™ soy flakes, organic and nonorganic.

Nasoya Foods ★ *SF*
23 Jytek Pk., P.O. Box 841,
Leominster, MA, 01453 U.S.A.;
PH: 508/537-0713; FAX: 508/537-9790.
CONTACT: John Paino, Pres.
PLANT SUPERINTENDENT: Bob Bergwall
Soyfoods, soymilk, drinks or beverages; tofu; other soy-based foods, vegi dressings; vegi-dips; NAYONAISE.

National Sun Industries, Inc. ★ *C*
7760 France Avenue, So., Suite 850,
Minneapolis, MN, 55435 U.S.A.;
PH: 612/831-6855; FAX: 612/831-6443;
TLX: 6879112 (CMSHP).
OTHER OFFICES: Enderlin, ND (National Sun Industries, Inc.) (mfg.)
CONTACT: John Burritt, Exec. Vice Pres.
Continuous screw press; crush cap. 820MT/day; storage cap. 600,000BU; crude degummed soybean oil; served by rail and truck.
CONTACT: Don Lemm.
EXPORTER: Soybeans, meal & oil; **IMPORTER**: Soybeans, meal & oil.

Natural, Inc. ★ *SF*
6650 Santa Barbara Road,
Elkridge, MD, 21227 U.S.A.;
PH: 410/796-3211; FAX: 410/796-3977.
CONTACT: William Teal, Gen. Mgr.
Soyfoods, tofu & tofu products, vacuum and water pack (bk) tofu; other soy-based foods, NECTA soy; tofu burger; vegi burger.

Natural Pacific Tofu *C SF*
153 Makaala Street, P.O. Box 11001,
Hilo, HI, 96721 U.S.A.;
PH: 808/935-3220.
CONTACT: Tyler Katibah, Owner
Hydraulic press, storage cap. 700BU. Soy oil products, salad dressing; soyfoods, miso; tempeh; tofu & tofu products, other soy-based foods, tofu snacks, tofu dip.

Ne-Tex Cooperative Oil Mill *C*
305 N. Santa Fe, P.O. Box 139,
Wolfe City, TX, 75496 U.S.A.;
PH: 214/496-2281; FAX: 214/496-7212.
CONTACT: Robert Williams, Mgr.
Solvent extraction, crush cap. 200MT/day; storage cap. 500,000BU; crude soybean oil, meal; served by rail and truck.

Nikken Foods Company Ltd.
1374 Clarkson Clayton Center, Suite 319,
Ellisville, MO, 63011 U.S.A.;
PH: 314/532-1019; FAX: 314/527-5057;
TLX: 7101111912.
CONTACT: Herbert Bench, Pres.
IMPORTER: Fermented Japanese soy sauce.

Nissho Iwai American Corporation ★
1211 Avenue of the Americas,
New York, NY, 10036 U.S.A.;
PH: 212/704-6848; FAX: 212/704-6838.
CONTACT: Shoji Obayashi, Gen. Mgr.
EXPORTER: Edible purpose soybean tofu/natto; soy lecithin; soy flour; **IMPORTER**: Edible purpose soybean tofu/natto; soy lecithin; soy flour.

Northern Soy ★ *SF*
545 West Avenue,
Rochester, NY, 14611 U.S.A.;
PH: 716/235-8970; FAX: 716/235-3753.
CONTACT: Norman Holland, Pres.
PLANT SUPERINTENDENT: Andrew Schecter
Soyfoods, SOYBOY tempeh; SOYBOY tofu & tofu products.

Northrup King Company
P.O. Box 959, Minneapolis, MN, 55440 U.S.A.;
PH: 612/593-7333; FAX: 612/593-7165.
CONTACT: Kip Pendleton, Mgr.
Soybean seed supplier.

Nutri Meal Products Company ★★ *C SF*
10288 Wilmington Road,
Clarksville, OH, 45113 U.S.A.;
PH: 513/289-2131; FAX: 513/289-2132.
CONTACT: John A. Settlemyre, Pres.
white flakes for edible purposes. Soy flour; textured soy flour.

Nutricia - Loma Linda *SF*
11503 Pierce Street,
Riverside, CA, 92505 U.S.A.;
PH: 714/687-7800; FAX: 714/689-5124.
OTHER OFFICES: Mt. Vernon, OH
CONTACT: Steven de Clercq, Pres.
Soyfoods, other soy-based foods, SOYALAC, I-SOYALAC infant formula.

OK Enterprises International Ltd.
1027 Grape Avenue,
Sunnyvale, CA, 94087 U.S.A.;
PH: 408/739-0544; FAX: 408/732-3147.
CONTACT: Abraham Sule, Pres.
Soybean seed supplier; supplier of soybeans for food use.

Ota Tofu Company ★ *SF*
812 S.E. Stark Street,
Portland, OR, 97214 U.S.A.;
PH: 503/232-8947.
CONTACT: Eileen Ota, Owner
Soyfoods, tofu; other soy-based foods, age.

P.A.T.M. Company ★
RR #2, P.O. Box 1, Swan, IA, 50252 U.S.A.;
PH: 515/848-3760; FAX: 515/848-3760.
CONTACT: Douglas Downing, Pres.
supplier of soybeans for food use; supplier of organically grown soybeans. **EXPORTER**: Soybeans, soymilk.

Pacific Foods ★ *SF*
19480 S.W. 97th Avenue,
Tualatin, OR, 97062 U.S.A.;
PH: 503/692-9666; FAX: 503/692-9610.
CONTACT: Patrick Carey, V.P., Sales & Mkting.
PLANT SUPERINTENDENT: Chuck Gray
PACIFIC soy protein concentrates; soyfoods, soymilk, drinks or beverages; PACIFIC spray-dried tofu; other soy-based foods, various.

Pacific Soybean & Grain ★
495 De Haro Street,
San Francisco, CA, 94107 U.S.A.;
PH: 415/863-0867; FAX: 415/431-9494.
CONTACT: Daniel J. Burke, Pres.
Broker, cash/product; soybean seed supplier; supplier of soybeans for food use; supplier of organically grown soybeans; **EXPORTER**: Soybeans (varietal pure) and organic.

Pagaza & Sons Company ★★
5400 Mitchelloale 88,
Houston, TX, 77092 U.S.A.;
PH: 713/680-2152; FAX: 713/680-1446.
OTHER OFFICES: Mexico City, MEXICO
CONTACT: Jose M. Pagaza, Pres.
Broker, cash/product; **EXPORTER**: Soybean oil (crude); **IMPORTER**: soybean oil (refined).

Panda Food Products, Inc. *SF*
R.D. #2, Box 168, Goshen, NY, 10924 U.S.A.;
PH: 914/651-4490; FAX: 914/651-4480.
CONTACT: Henri Creces, Gen. Mgr.
PLANT SUPERINTENDENT: Henri Creces
Soyfoods, tofu & tofu products, firm, soft, spicy and herb (all vacuum packed); other soy-based foods, tofu for cheese and ice cream processing.

PdT International, Inc.
323 W. Schlieman Avenue,
Appleton, MN, 56208 U.S.A.;
PH: 612/289-1981; FAX: 612/289-1982.
CONTACT: Otto Schmid, Pres.
supplier of soybeans for food use; **EXPORTER**: Variety specific soybeans for food use.

Pendleton Oil Mill, Inc. *C*
349 E. Main Street, P.O. Box 38,
Pendleton, SC, 29670-0038 U.S.A.;
PH: 803/646-3294.
CONTACT: John Sitton, Exec. Vice Pres.
Hydraulic press; storage cap. 75,000BU; mealcake for fish bait; served by rail and truck.

Penta Manufacturing Company, Inc. ★ *R SF IP*
Affiliate of Penta International Corp.
P.O. Box 1448, Fairfield, NJ, 07007 U.S.A.;
PH: 201/575-7475; FAX: 201/575-8907;
TLX: (RCA) 219472 (PENT UR).
CONTACT: George M. Volpe, Sr. Vice Pres.
Refining cap. 5,000MT/day; storage cap. 20,000/GAL; edible soy oil products, fractionated soy oil, hydrogenated soy oil, refined soybean oil; served by ship and truck. Lecithin (edible grade), liquid and powder; soy oil products, cooking/salad oil; salad dressing. Lecithin (industrial grade); soy oil (industrial grade) for lubricants.

Perdue Farms, Inc. *C R*
P.O. Box 1537, Salisbury, MD, 21801 U.S.A.;
PH: 301/543-3451; FAX: 301/543-3902.
OTHER OFFICES: CoField, NC (C)
CONTACT: Sewell Spedden, Pres. Grain/Oilseed Div.
Solvent extraction; crush cap. 1000MT/day; storage cap. 5 millionBU; animal/livestock feed, crude soybean oil, hulls, meal; served by barge, rail and truck.
CONTACT: Richard Willey.
Refining cap. 380MT/day; hydrogenated soy oil, refined soybean oil; served by rail and truck.
CONTACT: Keith Darby.

Perdue, Inc. *C*
Affiliate of Perdue Farms, Inc.
Route 1, Box 119H,
Cofield, NC, 27922 U.S.A.;
PH: 919/358-0311.
CONTACT: Billy Mizelle
Solvent extraction; crush cap. 700MT/day; storage cap. 2 Million BU; animal/livestock feed, crude soybean oil, hulls, meal; served by barge, rail and truck.
CONTACT: Richard Willey.

The Pillsbury Company ★
M.S. 21A9, 200 South 6th street, Pillsbury Center, Minneapolis, MN, 55402 U.S.A.;
PH: 612/330-4254; FAX: 612/330-8961;
TLX: 687-9040 (PILLS UW).
CONTACT: Myron W. Achenbach, Mgr., Export Feed
Broker, cash/product. **EXPORTER**: Soybean meal, 44% & 48%; soybeans.

Pioneer Hi-Bred International, Inc. ★★
Specialty Plant Products Div., 11252 Aurora Ave., Des Moines, IA, 50322 U.S.A.;
PH: 515/254-2700; FAX: 515/254-2744;
TLX: 478327 PIOSEED.
CONTACT: Nicholas M. Frey, Prod. Dev. Mgr.
Soybean breeder; soybean seed supplier; supplier of soybeans for food use; supplier of organically grown soybeans; **EXPORTER**: Food grade soybeans (tofu and natto); Better Life soybeans, grown without pesticides; identity preserved soy oils and protein meal.

PMS Foods, Inc. ★ *SF*
2701 E. 11th, P.O. Box 1099,
Hutchinson, KS, 67504-1099 U.S.A.;
PH: 316/663-5711; TWX: 910-380-6461;
FAX: 316/663-7195.
CONTACT: Derek Park, Pres.
PLANT SUPERINTENDENT: Floyd Shoup
ULTRA SOY textured soy flour.

Port of Houston Authority
P.O. Box 2562, Houston, TX, 77252 U.S.A.;
PH: 713/670-2563; FAX: 713/670-2438;
TLX: (WU) 792623 (HOUPUBHOU).
CONTACT: Glenn Feilner, Mgr., Bulk Facility
EXPORTER: Bulk soybeans; soybean meal.

Pro-Seed, Inc. ★
236 Sugar Street, P.O. Box 55, Blissfield, MI, 49228 U.S.A.;
PH: 517/486-3520; FAX: 517/486-2631.
CONTACT: Ronald Jacob, Vice Pres.
Soybean breeder, soybean seed supplier; supplier of soybeans for food use.

Producers Cooperative Association *C*
Foot of Buffalo Street, P.O. Box 323,
Girard, KS, 66743 U.S.A.;
PH: 316/724-8241.
CONTACT: William R. Huston, Gen. Mgr.
Continuous screw press; storage cap. 650,000BU; crude soybean oil, meal; served by rail and truck.

Protein Research Associates *SF*
1999 Pike Ave.,
San Leandro, CA, 94577-6706 U.S.A.;
PH: 415/845-7614.
CONTACT: Theodore Aarons, Dir.
Soyfoods, soymilk, drinks or beverages; other soy-based foods, nutritional supplements containing soy bran, soy flour and soy protein concentrates.

Protein Technologies International, Inc. ★ *SF IP*
Subsidiary of Ralston Purina Company
MAIN OFFICE: Checkerboard Square-13T, St. Louis, MO, 63164 U.S.A.;
PH: 314/982-1395 or 800/344-6937;
FAX: 314/982-1121.
OTHER OFFICES: Port Melbourne, AUSTRALIA; Ieper, (mfg.), Zaventem, BELGIUM; Mississauga, CANADA; Montigny-le-Bretonneux, FRANCE; Dietzenbach, GERMANY; Hong Kong, HONG KONG; Agrate Brianza, ITALY; Hannan (mfg.), Tokyo, JAPAN; Seoul, KOREA; Kuala Lumpur, MALAYSIA; Mexico City, MEXICO; Metro Manila, PHILLIPINES; Warsaw, POLAND; Moscow RUSSIA; Barcelona, SPAIN; Karlshamn, SWEDEN; Geneva, SWITZERLAND; Taipei, TAIWAN; Bangkok, THAILAND; Corby, Northants, UK; Caracas, VENEZUELA; Novi Sad, YUGOSLAVIA; USA - St. Louis, MO (Headquarters); Louisville, KY (mfg.); Pryor, OK (mfg.); Memphis, TN (mfg.); Hager City, WI (mfg.); Urbana, OH (mfg.)
CONTACT: Sales Dept.
SUPRO, PROPLUS isolated soy proteins; FIBRIM soy fiber. NURISH isolated soy proteins for high-performance weaning rations; PRO-COTE soy polymer for paper coating additive, adhesive; SOLKA-FLOC and KEYCEL powdered cellulose products.

Quality Food Oils, Inc. *SF*
87 Pickett District Road,
New Milford, CT, 06776 U.S.A.;
PH: 203/355-9421; FAX: 203/354-9672.
CONTACT: Anthony Capizzi, Pres.
PLANT SUPERINTENDENT: Frank Capizzi
Soy oil products, cooking/salad oil; shortening.

Quincy Soybean Company *C SF*
Affiliate of Moorman Manufacturing Co.
1900 Gardner Expressway, P.O. Box 329,
Quincy, IL, 62306-0329 U.S.A.;
PH: 217/224-1800; FAX: 217/224-2036;
TLX: 40-4421 (QCYSOYBEAN).
OTHER OFFICES: Helena, AR (Quincy Soybean Co. of Arkansas)
CONTACT: Rick Schuering, Mkting.
Solvent extraction; crude degummed soybean oil, crude soybean oil, meal; served by barge, rail and truck. Soy fiber.

Quincy Soybean Company of Arkansas *C R SF IP*
Highway 20 South, P.O. Box 70,
Helena, AR, 72342 U.S.A.;
PH: 501/338-6481; FAX: 501/338-8206.
OTHER OFFICES: Elaine, Marvell, Mellwood, AR
CONTACT: Banks Conditt, Mkting. Dir.
Solvent extraction; animal/livestock feed, crude degummed oil, crude soybean oil, hulls, meal; served by barge, rail and truck.
CONTACT: Richard Galloway.
Crude degummed soybean oil, edible soy oil products, industrial oil products, refined soybean oil; served by barge, rail and truck. Lecithin (edible grade); soy oil products, cooking/salad oil. Lecithin (industrial grade); soy oil (industrial grade); soy sterols & tocopherols; soybean fatty acids.
CONTACT: Rick Schuering.

Quong Hop & Company ★ *SF*
161 Beacon Street,
San Francisco, CA, 94080 U.S.A.;
PH: 415/761-2022; FAX: 415/952-3329.
CONTACT: Ben Lee, Vice Pres. Mkting.
Soyfoods, soymilk, drinks or beverages, (soy fresh); tempeh (pacific tempeh); tofu & tofu products (soy deli/quong hop).

Rainey Commodities, Inc. ★
5160 Sanderlin Avenue, Suite 1, Memphis, TN, 38117-4371 U.S.A.;
PH: 901/767-0010.
CONTACT: Jasper E. Rainey, Pres.
Broker, cash/product.

Riceland Foods, Inc. ★ *C R SF IP*
2120 S. Park Avenue, P. O. Box 926,
Stuttgart, AR, 72160 U.S.A.;
PH: 501/673-5500; FAX: 501/673-5397;
TLX: (RCA) 240064 (RLND UR); TWX: 910-720-6240 (Arkansas Grain Co.).
OTHER OFFICES: Little Rock, AR
CONTACT: James K. Smith, Vice Pres.
PLANT SUPERINTENDENT: Max Montgomery
Solvent extraction; hulls, meal; served by barge, rail and truck.
CONTACT: John B. Ruff.
Edible soy oil products, refined soybean oil; served by barge, rail and truck.
CONTACT: Gerard Delaite
LECIPRIME liquid lecithin (edible grade); LECIGRAN powdered, granulated lecithin (edible grade); soy oil products, CHEFWAY and private labels cooking/salad oil; CHEFWAY and private labels shortening. LECIKOTE liquid lecithin (industrial grade); LECIGRAN MT granulated lecithin (industrial grade); FEED QUALITY powdered lecithin (industrial grade); for paint mixes, magnetic tape, animal feeds.
CONTACT: Marolyn Chambers, Mkting. Mgr., Lecithin.

See Our Advertisement P. 55 & 56

Rich Products Corporation *SF*
1150 Niagara Street, P.O. Box 245,
Buffalo, NY, 14240 U.S.A.;
PH: 716/878-8000; FAX: 716/878-8238 or 716/878-8266; TLX: 710-522-1840 or 1841.
CONTACT: Robert E. Rich, Sr., Chman.
Soy protein concentrates, whipped toppings; isolated soy proteins, whipped toppings; soy oil products, cooking/salad oil; margarine (frozen foods); soyfoods, frozen desserts.
CONTACT: Dawn Wolfe.

Ring Around Research Center
Service Road I-27, P.O. Box 1017,
Hale Center, TX, 79041 U.S.A.;
PH: 806/830-2424 or 296-6161.
CONTACT: William H. Davis, Proj. Leader
Soybean breeder.

Rose International ★ *SF*
P.O. Box 5020,
Santa Rosa, CA, 95402-5020 U.S.A.;
PH: 707/576-7050; FAX: 707/545-7116.
CONTACT: Richard Rose, Pres.
Simulated meat products (analogs); soyfoods, frozen desserts, dry instant & concentrates; other soy-based foods, soy cheese; soy cheese . **EXPORTER**: Various.

Rosewood Products Inc. ★ *SF*
738 Airport Blvd.,
Ann Arbor, MI, 48108 U.S.A.;
PH: 313/665-2222.
CONTACT: Bruce Rose, Pres.
Soyfoods, tofu & tofu products.; Simulated meat products, china rose and rosewood farms brand; soyfoods, nondairy frozen desserts; soymilk, drinks or beverages; tempeh; tofu & tofu products; other soy based foods.

Rustco Products Company *SF*
Affiliate of Park Corporation
1485 E. 61st Avenue,
Denver, CO, 80216 U.S.A.;
PH: 303/287-3203; FAX: 303/287-2203.
CONTACT: Mark Hingiss, V.P., Industrial Sales
PLANT SUPERINTENDENT: Bob Burgess
Soy oil products, RUSTCO and PRIVATE LABEL cooking/salad oil; margarine; shortening.

S. E. Rykoff & Company ★ *SF*
Affiliate of Rykoff-Sexton
737 Terminal Street, P.O. Box 21903, Los Angeles, CA, 90021 U.S.A.;
PH: 213/486-9182; FAX: 213/689-9766.
OTHER OFFICES: Indianapolis, IN (John Sexton)
CONTACT: Terry Burgon, Mgr., Purchasing
PLANT SUPERINTENDENT: Jim Peterson
Soy oil products, cooking/salad oil, salad dressing; shortening.

SAFFOLA Quality Foods, Inc. *SF*
633 S. Mission Road,
Los Angeles, CA, 90023 U.S.A.;
PH: 213/265-4300; FAX: 213/269-6330.
CONTACT: Greg Macintosh, CEO
Soy oil products, GOLDENSWEET cooking/salad oil (all private label); GOLDENSWEET TABLEMAID margarine; shortening.

Sam Sung Foods Inc. *SF*
409 Morse Street, N.E.,
Washington, DC, 20002 U.S.A.;
PH: 202/544-6690; FAX: 202/544-2477.
CONTACT: Kim Salazar
Soyfoods, soymilk, drinks or beverages; tofu & tofu products.

San-J International, Inc. ★ *SF*
Affiliate of San-Jirushi Corporation
2880 Sprouse Drive,
Richmond, VA, 23231 U.S.A.;
PH: 804/226-8333; FAX: 804/226-8383;
TLX: 510-100-0513.
OTHER OFFICES: San Francisco, CA; Shibuya-ku, Tokyo; Kuwana, Mie, JAPAN (San-Jirushi Corp.)
CONTACT: Donald J. Iwinski, Dir., Ind. Sales
Soyfoods, miso (soybean and soybean and rice); soy sauce, tamari, tamari lite, shoyu (liquid & dry), teriyaki sauce, szechuan sauce, thai peanut sauce.

Sanders Elevator Corp. ★
North Sharpe Avenue, P.O. Box 1169,
Cleveland, MS, 38732 U.S.A.;
PH: 601/843-2394; FAX: 601/843-6250.
CONTACT: Sonny King, Secy./Treas.
soybean seed supplier.

Santa Fe Tempeh *SF*
General Delivery, Cerrillos, NM, 87010 U.S.A.;
PH: 505/471-7034.
CONTACT: Joy or Scott Hauenstein, Owner
Soyfoods, SANTA FE tempeh.

The C. F. Sauer Company *SF*
2000 W. Broad Street,
Richmond, VA, 23220 U.S.A.;
PH: 804/359-5786; FAX: 804/359-5514;
TLX: (Easylink) 752-903 (CT RICH).
OTHER OFFICES: Charlotte, NC
CONTACT: Robert E. Holden, Vice Pres.
Soy oil products, salad dressing.

Schnupp's Grain Roasting, Inc. ★ *C*
R.D. 6, Box 840, Lebanon, PA, 17042 U.S.A.;
PH: 717/865-6611; FAX: 717/865-7334.
CONTACT: Dale L. Schnupp, Pres.
Crush cap. 100MT/day; animal/livestock feed.
EXPORTER: Roast-a-Matic Grain Roaster.

Schouten USA Inc. ★
Affiliate of Schouten/Giessen NV
6750 France Avenue, So.,
Minneapolis, MN, 55435 U.S.A.;
PH: 612/920-7700; FAX: 612/920-7704.
CONTACT: Arthur J. Otto, Pres.
EXPORTER: Soybeans; soybean meal.

Scoular Grain Company
2027 Dodge Street,
Omaha, NE, 68102 U.S.A.;
PH: 402/342-3500; FAX: 402/342-5568.
OTHER OFFICES: Kansas City, MO; Fresno, CA
CONTACT: Duane A. Fischer, Pres.
Broker, cash/product;

Seaboard Trading Limited
Affiliate of Seaboard Corp.
9000 W. 67th Street, P.O. Box 2972, Shawnee Mission, KS, 66201 U.S.A.;
PH: 809/295-0925; FAX: 809/295-0925;
TLX: 3487 (SAMVA).
CONTACT: Luis H. Rodriguez, V.P., Trading
Broker, cash/product. **EXPORTER**: Oilseeds and by-products (meal and pellets);
IMPORTER: Oilseed meals and pellets.

Seymour Organic Foods *C SF*
205 S. Main Street, P.O. Box 190,
Seymour, IL, 61875 U.S.A.;
PH: 217/687-4810; FAX: 312/687-4830;
TLX: 754477 (BAR NA UD).
CONTACT: Julie Ohlsson, Admin. Asst.
Continuous screw press; crush cap. 10MT/day; storage cap. 40MT; crude soybean oil; served by truck. SOF soy flour, organic, low fat; SOF full fat soy flour, organic; soy oil products, ORG-SOY-O cooking/salad oil. **EXPORTER**: Natural and certified organic mechanically pressed soy oil and stone-ground soy flour.

Shuster Certified Seeds ★★
1883 Route 89,
Seneca Falls, NY, 13148 U.S.A.;
PH: 315/568-9337. FAX: 315/568-2978.
CONTACT: Peter C. Shuster, Owner
PLANT SUPERINTENDENT: Ken Dean
Soybean seed supplier (certified vinton 81); supplier of soybeans for food use; supplier of organically grown soybeans.

Siegel Chemical Export Corporation
23 Bonnyview Drive,
Livingston, NJ, 07039; U.S.A.;
PH: 201/535-9580; FAX: 201/535-9576.
CONTACT: Kiki Siegel, Vice Pres.
EXPORTER: Lecithin, soybeans, soybean oil, soy meal.

Sigco Sun Products, Inc.
90 N. 8th Street, P.O. Box 331,
Breckenridge, MN, 56520 U.S.A.;
PH: 218/643-8467; FAX: 218/643-4555;
TLX: 910-561-3930 (RESH BRKR).
OTHER OFFICES: Wahpeton, ND; Breckenridge, MN; Colby, KS
CONTACT: David A. Skyberg, Pres.
Supplier of soybeans for food use; supplier of organically grown soybeans; **EXPORTER**: Soybeans.

W. M. Simeral & Company, Inc.
29 N. River Street, Batavia, IL, 60510 U.S.A.;
PH: 708/406-1400; FAX: 708/406-1499;
TLX: 281006 (WMSIMERAL HINS).
OTHER OFFICES: Burbank, CA (Ryco Inc.); San Juan, PR (Interagro Commodities); Metro Manila, PHILIPPINES
CONTACT: Steve Simeral, Pres.
Broker, cash/product.

The Simple Soyman ★ *SF*
4877 N. Green Bay Avenue, P.O. Box 09771,
Milwaukee, WI, 53209-0771 U.S.A.;
PH: 414/264-4133.
CONTACT: R. Jay Gruenwald, Partner
Soyfoods, tofu & tofu products, TOFU TERKEY savory, baked, marinated tofu; other soy-based foods, SAUCY JO, SOMBRERO JO & ITALIAN JO tofu sloppy-joe; TOASTER BURGERS patties; CURRY DIP; DEVILED TOFU "eggless" egg salad; SAVORY HERB PâTÉ; WHOLE GRAIN PIE CRUSTS (wheat & dairy free); TOFU PUMPKIN PIE.

A. R. Smith & Company, Inc.
2217 - 152nd, N.E., P.O. Box 6369,
Bellow, WA, 98007 U.S.A.;
PH: 206/643-4515; TLX: (WU) 9102508154 (A.R. SMITH CO UQ).
CONTACT: Bruce Heyduck, Mdser.
Broker, cash/product; supplier of soybeans for food use; **EXPORTER**: Soybeans, soymeal.

Solait International, Ltd. ★★ *SF*
202 W. 7th St., Carroll, IA, 51401 U.S.A.;
PH: 712/792-9225; FAX: 712/792-2712.
OTHER OFFICES: Manning, IA (mfg.)
CONTACT: Elmer Schettler
Soyfoods, SOLAIT powdered soymilk beverage (24 oz. jars or 60 lb. bulk paks).
CONTACT: Bev Tierney, Sales/Dist.
EXPORTER: Soymilk, dry; frozen dessert mix, dry.

See Our Advertisement P. 57

Solnuts, Inc. *SF*
Affiliate of Solnuts, B.V.
711 7th Street, P.O. Box 450,
Hudson, IA, 50643 U.S.A.;
PH: 319/988-3221; FAX: 319/988-4647.
OTHER OFFICES: Tilburg, HOLLAND Solnuts B.V.
CONTACT: Linda S. Weigel, Sales Mgr.
Soy fiber; SOLFLOUR F.F. full fat soy flour; soy grits; soyfoods, SOLNUTS soynuts (whole soybean snacks).

Sonne, Inc. ★ *SF*
896 22nd Ave. N.,
Wahpeton, ND, 58075 U.S.A.;
PH: 701/642-3068; FAX: 701/642-9403;
TLX: 910-561-3930 (RESHBRKR).
CONTACT: Neil Doty, Gen. Mgr.
Soyfoods, DAKOTA GOURMET soynuts (whole soybean snacks), many flavors.

South River Miso Company *SF*
South River Farm, Shelburne Falls Road,
Conway, MA, 01341 U.S.A.;
PH: 413/369-4057.
CONTACT: Christian Elwell, Pres.
Soyfoods, miso.

Southern Soya Corp. ★★ *C*
P.O. Box 727, Estill, SC, 29918 U.S.A.;
PH: 803/625-2711; FAX: 803/625-2711.
OTHER OFFICES: Allendale Grain Co., Allendale, SC; Sumter Grain Co., Sumter, SC
CONTACT: Thomas L. Harper, Pres. & G.M.
PLANT SUPERINTENDENT: Paul E. Hankey, Jr.
Extraction process, solvent extraction; crush cap 800MT/day; storage cap. 3,500,000BU; hulls, meal, crude soybean oil; served by rail, truck.

Sovex Natural Foods, Inc. *SF*
Affiliate of McKee Baking Company
9104 Apison Pike, P.O. Box 2178,
Collegedale, TN, 37315 U.S.A.;
PH: 615/396-3145; FAX: 615/396-3402.
CONTACT: Glenn Fuller
PLANT SUPERINTENDENT: Dan Clark
Soyfoods, soymilk, drinks or beverages; tofu & tofu products, other soy-based foods, TVP-textured vegetable protein.

Soy Power Company, Inc. *SF*
1602 Stanford Street,
Santa Monica, CA, 90404 U.S.A.;
PH: 213/829-2331; FAX: 213/829-1266.
CONTACT: Kevin Cross, Pres.
Soyfoods, soymilk, drinks or beverages; tempeh; tofu & tofu products.

Soy-Cot Sales, Inc. ★
2590 E. Devon Avenue,
Des Plaines, IL, 60018 U.S.A.;
PH: 708/297-4160; FAX: 708/297-4166;
TLX: 726319 (SOY COT DSP).
CONTACT: Ann M. Vicek, Pres.
Broker, cash/product.

Soyeh Natural, Inc. ★ *SF*
3458 Depot Road,
Hayward, CA, 94545 U.S.A.;
PH: 510/670-8621; FAX: 510/670-8639.
CONTACT: Woody Yeh, Pres.
Soyfoods, other soy-based foods, soy yogurt.

Soyfoods of America *SF*
1091 E. Hamilton Road,
Duarte, CA, 91010 U.S.A.;
PH: 213/681-5393.
CONTACT: Ken Lee, Owner/Pres.
PLANT SUPERINTENDENT: Tim Huang
Soyfoods, FURAMA™, NATURE'S SPRING™, tofu & tofu products, YUBA, DEEP-FRIED TOFU, TOGUN (baked, spiced tofu).

Soyworld, Inc. *SF*
819 Cedar Street, Honolulu, HI, 96814 U.S.A.;
PH: 808/523-8080.
CONTACT: Amy Higa, Vice Pres., Business
Soyfoods, SOYUMMY OF HAWAII frozen desserts.

Specialty Grains, Inc. ★
3001 Gill Street,
Bloomington, IL, 61704 U.S.A.;
PH: 309/662-8721; FAX: 309/662-0278.
OTHER OFFICES: Bonita Springs, FL; LeRoy, IL
CONTACT: J. Curtis Haynes, Pres.
Soybean seed supplier; supplier of soybeans for food use; **EXPORTER**: Soybeans for tofu, miso, natto, sprouts, tempeh and soymilk.

Spring Creek Natural Foods ★ *SF*
212-C E. Main Street,
Spencer, WV, 25276 U.S.A.;
PH: 304/927-1466; FAX: 304/927-1815.
CONTACT: Mark Bossert, Pres.
PLANT SUPERINTENDENT: Mark Bossert
Soyfoods, fresh soymilk, drinks or beverages; tofu & tofu products, fresh, marinated-baked; other soy-based foods, soysage, okara based; tofu salads; simulated meat products (analogs), soysage.

Springfield Creamery *SF*
29440 Airport Road,
Eugene, OR, 97402-9524 U.S.A.;
PH: 503/689-2911; FAX: 503/689-2915.
CONTACT: Susan Kesey, Plant Superintendent
PLANT SUPERINTENDENT: Susan Kesey
Soyfoods, other soy-based foods, soy yogurt.

A. E. Staley Manufacturing Company, Gunther Division ★ *SF*
2200 Eldorado Street, P.O. Box 151,
Decatur, IL, 62525-1801 U.S.A.;
PH: 800/526-5728; TLX: (Decatur) 25-0113or (STLW UW AE STALEY CO DTR); TWX: (Decatur) 910-243-0459; FAX: 217/421-2881.
OTHER OFFICES: Galesburg, IL (mfg.)
CONTACT: Steve Martin, Prod. Mgr.
PLANT SUPERINTENDENT: James Dechert
MIRA-FOAM, VERSA-WHIP modified soy proteins; other modified proteins (functional blends). **EXPORTER**: Modified proteins (functional blends).

Jacob Stem & Sons, Inc. *IP*
1464 E. Valley Road, P.O. Box 50740,
Santa Barbara, CA, 93150 U.S.A.;
PH: 805/565-1411; FAX: 805/565-1415;
TLX: 658312 (J STERN SNC).
OTHER OFFICES: Houston, TX; Seattle, WA; Clovis, CA (Snow Commodities Co.)
CONTACT: Philip L. Bemstein, Pres.
Purchasers of soy oil (industrial grade) for soapstock, acidulated soy oil soapstock.
Broker, cash/product;

Stine Seed Farm, Inc.
R.R. 3, Box 204, Adel, IA, 50003 U.S.A.;
PH: 515/677-2605; FAX: 515/677-2716.
CONTACT: Harry H. Stine, Pres.
Soybean breeder; soybean seed supplier.

Strayer Seed Farms ★
162 West Hwy. 58, P.O. Box 690,
Hudson, IA, 50643 U.S.A.;
PH: 319/988-4187; FAX: 319/988-3922.
CONTACT: Dennis Strayer, Gen. Mgr.
soybean breeder; soybean seed supplier; supplier of soybeans for food use; supplier of organically grown soybeans; **EXPORTER**: Specialty soybeans for food use (including high protein, special protein quality, high oil, small seed, large seed).

See Our Advertisement P. 58

Sumitomo Corporation of America ★
345 Park Avenue,
New York, NY, 10154 U.S.A.;
PH: 212/207-0692; FAX: 212/207-0848;
TLX: (WUD) 12311 (SUMITOMONYK A).
CONTACT: Koichi Satoh, Prod., Mgr.
Broker, cash/product;

Summercorn Foods, Inc. ★ *SF*
1410 W. Cato Springs Road,
Fayetteville, AR, 72701 U.S.A.;
PH: 501/521-9338; FAX: 501/443-5771.
CONTACT: David Druding
SAVORY SOYSAGE simulated meat products (analogs); soyfoods, soymilk, drinks or beverages; okara tempeh; tofu & tofu products, baked, marinated; other soy-based foods, soy cereal.

Surata Soyfoods, Coop. ★ *C SF*
302 Blair Blvd., Eugene, OR, 97402 U.S.A.;
PH: 503/485-6990; 503/343-8434.
CONTACT: Kathleen Downey, Sales & Mkting.
Continuous rotor extraction; crush cap. .3MT/day; storage cap. 20MT. Soyfoods, soymilk, drinks or beverages; tempeh; tofu & tofu products.

Swan Gardens, Inc. ★ *SF*
Affiliate of American Natural Snacks
6029 Lagrange Blvd.,
Atlanta, GA, 30336 U.S.A.;
PH: 404/346-1712; FAX: 404/344-5170.
CONTACT: Casey Van Rysdam, Pres.
PLANT SUPERINTENDENT: Melvin Carter
Soyfoods, (SOYA KAAS, VEGIE KAAS).

Taus Trading Company
327 S. LaSalle Street, Suite 1000,
Chicago, IL, 60604 U.S.A.;
PH: 312/408-5600; FAX: 312/408-0903.
OTHER OFFICES: Atlanta, GA
CONTACT: Christian A. Taus, Pres.
Broker, cash/product.

James C. Taylor Company Inc.
415 Cambridge Avenue #10,
Palo Alto, CA, 94306 U.S.A.;
PH: 415/321-6660.
CONTACT: Merridee Taylor, Pres.
Broker, cash/product.

Terral-Norris Seed Company, Inc.
P.O. Box 826,
Lake Providence, LA, 71254 U.S.A.;
PH: 318/559-2840; FAX: 318/559-2888.
CONTACT: Larry J. Mullen, Sales Dir.
Soybean breeder; soybean seed supplier.
EXPORTER: Soybean seed.

The Original Pizsoy ★★ *SF*
P.O. Box 1314, Cherry Hill, NJ, 08034 U.S.A.;
PH: 609/354-2267; FAX: 609/354-8335.
CONTACT: Robert Savar, Owner
Soyfoods, (Pizsoys).

Timmins Group, Inc. ★ *SF*
112 School St , Suite 3,
Greenfield, MA, 01301-2410 U.S.A.;
PH: 413/772-0035; FAX: 413/774-3056.
CONTACT: Thomas Timmins, Pres.
Simulated meat products (analogs); soyfoods, other soy-based foods, dairy analogs.
EXPORTER: Simulated meat products (analogs).

Alfred C. Toepfer International, Inc. ★
Normandale Lake Office Park, 8300 Norman Center, Suite 1180,
Bloomington, MN, 55437 U.S.A.;
PH: 612/835-9100; FAX: 612/835-6590.
CONTACT: Klaus Neitzel, Sr. Vice Pres.
EXPORTER: Soybeans, soybean meal, soybean oil.

Tofu Palace Products ★★ *SF*
2075 Madison Street,
Eugene, OR, 97405 U.S.A.;
PH: 503/345-4407.
CONTACT: Toby Alves, Pres.
PLANT SUPERINTENDENT: Toby Alves
Soyfoods, tofu & tofu products (pates', tofu sour creme).

Tofu Shop ★★ *SF*
Box 94, Dixon, NM, 87527 U.S.A.;
CONTACT: Toufic Haddad
Soyfoods, tofu & tofu products.

The Tofu Shop Specialty Foods Company ★ *SF*
768 18th Street, P.O. Box 4716,
Arcata, CA, 95521 U.S.A.;
PH: 707/822-7409.
CONTACT: Matthew Schmit, Owner/Mgr.
Soyfoods, JOY O' SOY soymilk, drinks or beverages (pt., qt., 1/2 gal. & gal. sizes); FIRM NIGARI tofu & tofu products (14 oz. & 20 lb. sizes); other soy-based foods, vegie-patties; cutlets; sausage patties; salads and desserts.

Tofutti Brands Inc. ★ *SF*
50 Jackson Drive, P.O. Box 786,
Cranford, NJ, 07016 U.S.A.;
PH: 908/272-2400; FAX: 908/272-9492.
CONTACT: Lisa Quinn
PLANT SUPERINTENDENT: Ruben Rapoport
Soyfoods, TOFUTTI and LAND OF THE FREE nondairy frozen desserts; other soy-based foods, TOFUTTI EGG WATCHERS egg substitute; TOFUTTI BETTER THAN CREAM CHEESE imitation cream cheese, TOFUTTI SOUR SUPREME imitation sour cream.

Tomanetti Foods, Inc. *SF*
201 Ann Street, Oakmont, PA, 15139 U.S.A.;
PH: 412/828-3040; FAX: 412/828-2282.
CONTACT: Mary Bolgert, Supv.
Soyfoods, other soy-based foods, SOYDANCE soy cheeses, MAIN SQUEEZE squeezable soy cheese; SOYDANCE frozen pizza, ORIGINAL RICE CRUST PIZZA soycheese style frozen pizza.

Tomen America ★★
1000 Corporate Grove Drive,
Buffalo Grove, IL, 60089-4507 U.S.A.;
PH: 497-5086.
CONTACT: Daniel Keefe, Commodities Spec.
supplier of soybeans for food use; **EXPORTER**: soymeal hi-pro; soyoil & other vegetable oils; soybeans food & crushing.

Townsends, Inc. ★ *C R SF IP*
State Route 24, East, P.O. Box 468,
Millsboro, DE, 19966 U.S.A.;
PH: 302/934-3015; FAX: 302/934-3084.
CONTACT: Seth C. Taylor, Mdsing. Mgr.
PLANT SUPERINTENDENT: Mack McCary
Solvent extraction; crush cap. 1100MT/day; storage cap. 5,360,000BU; crude soybean oil, hulls, meal; served by rail and truck. Refining cap. 325MT/day; storage cap. 2572MT; edible soy oil products, industrial oil products, refined soybean oil; served by truck and rail. Soy oil products, cooking/salad oil. Soy oil (industrial grade) refined and bleached for paint, varnish, chemicals and carrier.
CONTACT: Matt Porter.

Toyomenka (America), Inc.
Affiliate of Toyo Menka Kaisha, Ltd.
1000 Corporate Grove Drive,
Buffalo Grove, IL, 60089-4507 U.S.A.;
PH: 708/520-8409; FAX: 708/520-1821.
CONTACT: Tamio Miake, Dpty. Mgr.
Broker, cash/product; supplier of soybeans for food use; **EXPORTER**: soybeans for crushing purposes; variety soybeans for food use.

Tree of Life, Inc. ★ *SF*
Affiliate of Wessanen, N.V.
1750 Tree Blvd., P.O. Box 410,
St. Augustine, FL, 32085-0410 U.S.A.;
PH: 904/825-2026; FAX: 904/825-2009;
TLX: 910-997-8139.
OTHER OFFICES: St. Augustine, FL; North Bergen, NJ; Bloomington, IN; Cleburne, TX; Kent, WA; Sun Valley, CA; Hayward, CA.
CONTACT: Greg Leonard, Dir., of Merch.
TREE OF LIFE soy grits (16 oz. pkg.); soy oil products, TREE OF LIFE cooking/salad oil (16 & 32 oz.); TREE OF LIFE margarine (soya and soya no salt, 16 oz.); soyfoods, TREE OF LIFE miso (kome-rice 1 lb. & mugi-barle,y 1 lb.); TREE OF LIFE soy sauce ; tofu & tofu products, baked tofu, organic (bulk & savory baked).

Tumaros, Inc. ★ *SF*
5300 Santa Monica Blvd.,
Los Angeles, CA, 90029 U.S.A.;
PH: 213/464-6317.
CONTACT: Kaye L. Dunham, Pres.
TUMARO'S RANCH BARBEQUE, TUMARO'S TEXAS TAMALE, TUMARO'S TEXAS BURRITO simulated meat products (analogs); soyfoods, TUMARO'S TOFU ENCHILADA VERDE tofu & tofu products.

Turtle Island Foods ★ *SF*
1 Main Street, P.O. Box 218,
Husum, WA, 98623 U.S.A.;
PH: 509/493-2004; FAX: 509/493-4656.
CONTACT: Seth Tibbott, Pres.
Soyfoods, tempeh.

Twin Oaks Community Foods ★ *SF*
Route 4, Box 169, Louisa, VA, 23093 U.S.A.;
PH: 703/894-4112
CONTACT: Twin Oaks Community
Soyfoods, soymilk, drinks or beverages; tofu & tofu products.

H. J. Underwood Company, Inc. ★
701 N. East Blvd., P.O. Box 436,
Clinton, NC, 28328 U.S.A.;
PH: 919/592-3167; FAX: 919/592-2649.
CONTACT: Richard Underwood, Pres.
Soybean breeder; soybean seed supplier; supplier of soybeans for food use. **EXPORTER**: Soybeans.

See Our Advertisement P. 239

United Edible Oils, Inc. *SF*
246 Walnut Street, P.O. Box 254,
Newtonville, MA, 02160 U.S.A.;
PH: 617/527-3413 or 800/866-8989;
FAX: 617/964-9567.
CONTACT: Edward Berman, Pres.
Soy oil products, cooking/salad oil (bulk & packaged).

Universal Edible Oils, Inc. (UNEDO) ★★ *R*
Affiliate of Birla Group
4421 W. 31st Street,
Chicago, IL, 60623-4811 U.S.A.;
PH: 312/523-0214; FAX: 312/523-0797.
CONTACT: Jerry B. Shipp, G.M.
PLANT SUPERINTENDENT: Felicidado M. Pugeda
Hydrogenated soyoil; refined soybean oil; edible soy oil products;

Van den Bergh Foods ★ *R SF IP*
Affiliate of Unilever
2200 Cabot Drive, Lisle, IL, 60532 U.S.A.;
PH: 708/955-5156; FAX: 708/955-5540;
TLX: 224069 (VDB FOODS).
OTHER OFFICES: New York, NY (sales office); Joliet, IL; Elgin, IL; Sunnyvale, CA; Vernon, CA; Carson, CA; Olathe, KS; Dallas, TX; Medalia, MN; Detroit, MI; Baltimore, MD; Rochester, NY; Dalton, GA; Atlanta, GA; Greenville, SC; Maplewood, NJ; Thorofare, NJ (mfg.)
CONTACT: Milton Neurenchon, V.P., Comm.
Refining Cap. 500MT/day; storage cap. 15,000MT; crude degummed soybean oil, edible soy oil products, fractionated soy oil, hydrogenated soy oil, industrial oil products, refined soybean oil; served by barge, rail, ship and truck.
CONTACT: James Kilponen, VP/GM, Foodservice.
Lecithin (edible grade); soy oil products, cooking/salad oil; margarine; salad dressing; shortening; soyfoods, frozen desserts; other soy-based foods, soy hard butters; shortenings; emulsifiers; stearines; lubricants; bakery products (doughs, specialties). Soy oil (industrial grade) for lubricants; soybean fatty acids.
CONTACT: T.W. Craig, VP/Tech & Food Ingredients.

Vitasoy (USA) Inc. ★ *SF*
99 Park Lane, Brisbane, CA, 94005 U.S.A.;
PH: 415/467-8888; FAX: 415/467-8910;
TLX: 171784 (VICIX).
CONTACT: Yvonne Lo, Pres.
Soyfoods, soymilk, drinks or beverages.
IMPORTER: VITASOY natural soy drinks.

W. D. & J. International
Affiliate of Investment Planning Inc.
6047 Frantz Road, Suite 104,
Dublin, OH, 43017 U.S.A.;
PH: 614/764-0137; FAX: 614/764-0195.
CONTACT: John Lim, Pres.
EXPORTER: Soybean products by Worthington Foods Inc. and La Loma Foods Inc.

Wellens & Company, Inc. ★
6600 France Avenue So.,
Minneapolis, MN, 55435 U.S.A.;
PH: 612/925-4600.
CONTACT: LeRoy Wellens, Pres.
Broker, cash/product; **IMPORTER**: Acidulated soapstock; edible soy oil products; other soybean oil by-products.

West Bend Elevator Company ★ *C*
P.O. Box 49, West Bend, IA, 50597 U.S.A.;
PH: 515/887-7211; FAX: 515/887-7291.
CONTACT: Bill Hocrafer, Sales Mgr.
Continuous screw press; crush cap. 40MT/day; storage cap. 400,000BU; animal/livestock feed, crude soybean oil, meal; served by rail and truck.

West Central Cooperative ★ *C*
P.O. Box 68, Ralston, IA, 51459 U.S.A.;
PH: 712/667-3200; FAX: 712/667-3215.
CONTACT: Dr. Doug Stidham, Feed/Soy Div.
PLANT SUPERINTENDENT: Myron Danzer
Continuous screw press; crush cap. 300 MT/day; storage cap. 2 million BU; animal/livestock feed, crude soybean oil; served by rail and truck.

Westbrae Natural Foods ★ *SF*
1065 E. Walnut St.,
Carson, CA, 90746 U.S.A.;
PH: 310/886-8200; FAX: 310/886-8218.
CONTACT: Myron Cooper
Soyfoods, miso; WESTSOY, WESTSOY LITE, MALTEDS, WESTSOY PLUS, WESTSOY ORIGINAL soymilk drinks or beverages; soy sauce.
CONTACT: Bob Redar
IMPORTER: Miso, soy sauce.

White Wave, Inc. ★ *SF*
6123 East Arapahoe,
Boulder, CO, 80303 U.S.A.;
PH: 303/443-3470; FAX: 303/443-3952.
CONTACT: Steven Demos, Pres.
Simulated meat products (analogs); soyfoods, frozen desserts; soymilk, drinks or beverages; tempeh; tofu & tofu products; other soy-based foods, cheese analogs.

Wilbur-Ellis Company
1200 Westlake Avenue, No., Suite 1000,
Seattle, WA, 98109 U.S.A.;
PH: 206/284-1300; FAX: 206/281-8604;
TLX: 277175 (WECO UR).
OTHER OFFICES: Portland, OR
CONTACT: R. W. Shepherd, Mgr.
Broker, cash/product;

Wildwood Natural Foods ★★ *SF*
1560 Mansfield Avenue,
Santa Cruz, CA, 95062 U.S.A.;
PH: 408/476-4448. FAX: 408-479-3764.
OTHER OFFICES: Fairfax, CALIFORNIA
CONTACT: Jeremiah Ridenour, Pres.
PLANT SUPERINTENDENT: Jeremiah Ridenour
Soyfoods manufacturer and distributor, tempeh; tofu & tofu products (firm style in vacuum packs, water-pak, tofu-burgers).

Wilsey Foods, Inc. *SF*
14840 E. Don Julian Road, P.O. Box 3636,
City of Industry, CA, 91746 U.S.A.;
PH: 818/336-4527; FAX: 818/336-3229;
TLX: 670351 (WILSECORP).
OTHER OFFICES: Oakland, CA; Atlanta, GA; Salem, OR; Fort Worth, TX (mfg.)
CONTACT: Customer Service Dept.
Soy oil products, BAK-TEX, CAKE TONE, CHEF'S PRIDE, CHURN SPREAD, CREAM FLAKE, DO KING, EVERGOOD, FANCY FRY, FLAKO, FRY-IT, GOLD-N-EG, GOLD-N-OIL, GOLD-N-RICH, GOLD-N-SWEET, HALF-CAL, HANDI-POP, HI-LIFE, HY-TOP, MELLO MOIST, MOVIE-POP, ONE PLUS TWO, OUR BETR FRY, RICHENOL, ROLLITE, SAVORY, SUPER HY-CAKE, TRAILHAND, VOPCO, VO-POP, W.B., WHITE CAP, EXTEND cooking/salad oil, margarine, shortening (pan coating and chocolate coating).
CONTACT: Customer Service.

Joel Wollner & Associates ★ *SF*
Affiliate of Broadway Organics
7A Woodridge Circle, P.O. Box 1343,
Clifton Park, NY, 12065 U.S.A.;
PH: 518/371-7014.
CONTACT: Joel Wollner, Pres.
Soy flour, toasted (kinako); soyfoods, soymilk, drinks or beverages; soy sauce, shoyu and tamari; tofu & tofu products, dried-frozen tofu; miso, all types; other soy-based foods, seasonings & condiments using miso and soy sauce. **EXPORTER**: organic soybeans, soybean oil, soynuts (all organic) flour; **IMPORTER**: organic soybeans, soya sauce, oil.

Worthington Foods, Inc. *SF*
900 Proprietors Road,
Worthington, OH, 43085 U.S.A.;
PH: 614/885-9511; FAX: 614/885-2594.
CONTACT: David Maxwell, Materials Mgr.
MORNINGSTAR FARMS, NATURAL TOUCH, WORTHINGTON simulated meat products (analogs); soyfoods, SOYOMAL soymilk, drinks or beverages; other soy-based foods, TOFU TOPPERS tofu.

Wysong Corporation *C SF*
1880 North Eastman,
Midland, MI, 48640 U.S.A.;
PH: 517/631-0009; FAX: 517/631-8801.
CONTACT: Pamela Sampier
Continuous screw press; crude soybean oil. Full fat soy flour; soy oil products, cooking/salad oil; salad dressing; soyfoods, other soy-based foods, whole extruded soybeans.

Yaupon Soyfoods *SF*
226 E. Austin Street, Elgin, TX, 78621 U.S.A.;
PH: 512/285-3810.
CONTACT: Chico Wagner, Owner
Soyfoods, soymilk, drinks or beverages (plain in 1/2 gal., gal. and pint sizes); tempeh (plain soy, in 8 oz. pkg.); tofu & tofu products (16 oz. pkg. & 20 lb. bulk sizes).

Zen-Noh Unico America Corporation ★★
245 Park Avenue, 25th Floor,
New York, NY, 10167 U.S.A.;
PH: 212/983-3050.
CONTACT: Mr. Saito, Soybean Mgr.
supplier of soybeans for food use;
EXPORTER: Soybeans.

VENEZUELA

Consorcio Oleaginoso Portuguesa S.A. (COPOSA) ★
C R SF IP
Carretera Via Payara, Apartado 112,
Acarigua 3301, Portuguesa, VENEZUELA;
PH: 58/55/48355; FAX: 58/55/48151 or 48270; TLX: 55200 (COPOS).
CONTACT: Nelson Quijada, Gen. Mgr.
PLANT SUPERINTENDENT: Pedro Mendoza
Solvent extraction; crush cap. 1,000MT/day; storage cap. 40,000MT; animal/livestock feed, crude degummed soybean oil, crude soybean oil, hulls, meal; served by truck, rail. Refining cap. 200MT/day; storage cap. 10,000MT; crude degummed soybean oil, refined soybean oil, edible soy oil products, hydrogenated soy oil, refined soybean oil, industrial oil products; served by truck, rail. Soy oil products, cooking/salad oil; margarine; shortening. Soy oil (industrial grade) for chemical uses.

Grupo Interamericano C.A.
Av. Los Jabillos, Centro Bancor Piso & Sabana Grande, P.O. Box 1846,
Caracas 1010, VENEZUELA;
PH: 02/716813; TLX: 24578.
CONTACT: Marilu Ravelo, Comm. Mgr.
Broker, cash/product; supplier of soybeans for food use; **IMPORTER**: Soybean meal, soy protein isolates, soy bean oil.

Protein Technologies International ★★ *SF IP*
Torre Diamen, piso 1, ofc. 17 y 18, C.C. Tamanaco. Chuao, Caracas, VENEZUELA;
PH: 58-2 913729, or 915-732 or 913-872, 915-387 FAX: 58-2 916587.
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PH: (057) 24 993; FAX: (057) 436 161.
CONTACT: Vitorio Jelovcic
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EXPORTER: Lecithin (industrial).

CENTROPROM Export-Import
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YU-11001 Beograd, YUGOSLAVIA;
PH: 38/11/343-311;
TLX: 11117 or 11160 (CTPR YU).
CONTACT: Ljiljana Petrovic, Chief of Dept.
IMPORTER: Soybean meal 44/7; soybeans U.S. yellow 2.

GRANEXPORT, Enterprise for the Wholesale Trade in Food Products ★
Foodstuffs & Feeds, Trade & Services, Terazije 27, P.O. Box 902,
11000 Beograd, YUGOSLAVIA;
PH: 011/333635; TLX: 11278 (GRANEX YU);
FAX: 011 340-380.
CONTACT: Milenko Petrovic
Broker, cash/product; **IMPORTER**: Soybean meal, soy oil.

Protein Technologies International ★★ *SF IP*
Subsidiary of Ralston Purina
Trading, S.A., Bulevar 23 Oktobra 4A, 4th Floor, 21000 Novi Sad, YUGOSLAVIA;
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FAX: 38-21-337-857.
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Lee Yeast Zambia Ltd.★ *C SF IP*
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PH: 260/1/274149; FAX: 260/1/312049.
CONTACT: Rashid Limbada, Dir.
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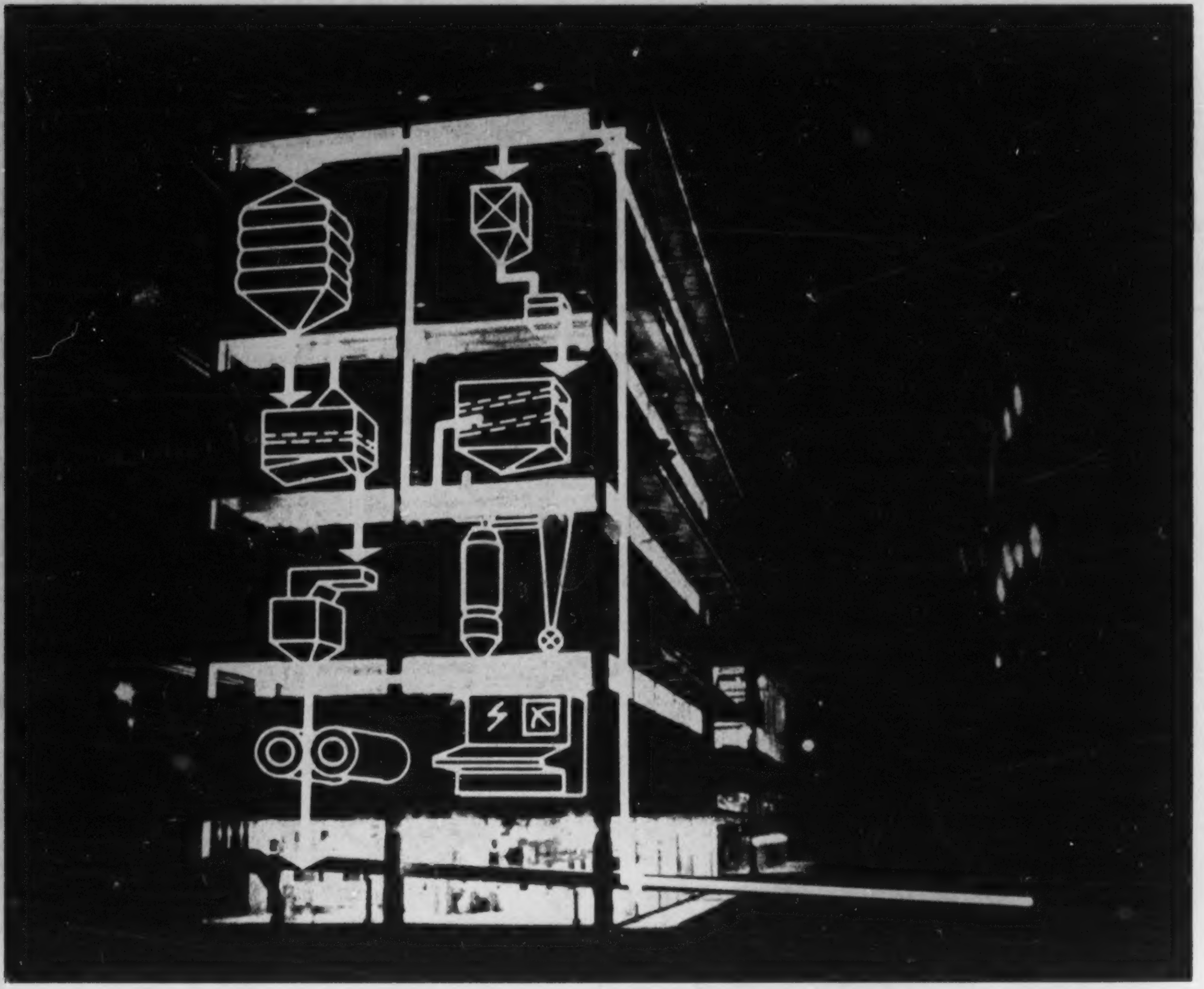

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WHITE PAGES — COMPANIES LISTED BY PRODUCT

Locate desired product in the following index and turn to page indicated. There you will find names of companies listed under the category you selected. For more information on the companies, turn to the *Yellow Pages* section starting on page 151.

Equipment, Supply or Service Index

Aeration Equipment
  See Conditioners & Coolers; Dryers, Grain; Dryers, Meal 108, 116
Agitators, Liquid 103
Air Classifiers 103
Alkali Suppliers
  See Caustic/Alkali Suppliers 106
Analytical Laboratories 103
Analytical Laboratory Equipment 104
Anti-Caking Agents 104
Antioxidants 104
Aspirators 104
Automatic Samplers 104
Bags, Bagging Equipment 105
Barge Line
  See Freight Line, Barge 122
Bleaching & Filtering Equipment 105
Bleaching Clays/Earths 105
Buildings, Flat Storage 105
Bulk Liquid Storage
  See Storage, Bulk Liquid 141
Catalysts, Hydrogenation 106
Caustic/Alkali Suppliers 106
Centrifuges 106
Chemical Refining/Neutralization Equipment
  See Refining/Neutralization Equipment, Chemical 134
Clays, Bleaching
  See Bleaching Clays/Earths 105
Cleaners, Commercial Grain
  See Commercial Grain Cleaners 106
Cleaning/Sanitizing Equipment & Supplies 106
Coagulants for Tofu 106
Commercial Grain Cleaners 106
Commodity News Wires
  See News Wires, Commodity 130
Computer Process Control, Hardware 106
Computer Process Control, Programming 107
Computer Process Control, Software 107
Condensers, Solvent Recovery 107
Conditioners & Coolers 108
Construction Contractors, Complete Plants 108
Construction Contractors, Protein Plants 108
Consultants, Equipment 109
Consultants, Industrial Processes ...109
Consultants, Marketing 110
Consultants, Plant Layout 111
Consultants, Product Development ..111
Continuous Screw Presses
  See Presses, Continuous Scraw 130
Contract Research Pilot Scale 112
Control Instruments 112
Conveyors Drag or en Masse 112
Cookers/Extruders/Roasters 114
Coolers
  See Conditioners & Coolers 108
Cracking Equipment
  See Flaking & Cracking Equipment 122
Crude Oil Storage Tanks
  See Tanks, Crude Oil Storage 141
Degumming Equipment 114
Dehulling Equipment 114
Deodorization Equipment 115
Desolventizers, Flash Vapor
  See Flake Desolventizers, Flash/Vapor 120
Desolventizers, Normal
  See Flake Desolventizers, Normal 120
Distillation Equipment, Fatty Acid
  See Fatty Acid Distillation Equipment 120
Dryers, Grain 116
Dryers, Meal 116
Dryers, Oil 116
Drying & Aeration Equipment
  See Conditioners & Coolers; Dryers, Grain; Dryers, Meal; Dryers, Oil 108, 116
Dust Control Systems & Supplies 117
Earths, Bleaching
  See Bleaching Clays/Earths 105
Elevator & Silo Storage 117
Emulsifiers 118
Engineering Services 118
Equipment Consultant
  See Consultants, Equipment 109
Exporters of Soybeans & Soybean Products 25
Extruders
  See Cookers/Extruders/Roasters 114
Fat Splitters/Separators 120
Fatty Acid Distillation Equipment 120

...continued on next page

Equipment, Supply or Service Index
...continued

Fiber Analyzers
  See Oil/Protein/Fiber Analyzers 130
Filter Presses
  See Presses, Filter 132
Filtering Equipment
  See Bleaching & Filtering
  Equipment; Presses, Filter 105, 132
Flake Desolventizers, Flash/Vapor...120
Flake Desolventizers, Normal 120
Flaking & Cracking Equipment 122
Flow Measurement 122
Fractionation Equipment 122
Freight Line, Barge 122
Freight Line, Ocean 122
Freight Line, Railroad Company 123
Freight Line, Trucking 123
Fumigants 123
Grain Analyzers 123
Grain Cleaners
  See Commercial Grain Cleaners 106
Grain Dryers
  See Dryers, Grain 116
Hammermills 123
Heat Exchangers 123
Hydraulic Presses
  See Presses, Hydraulic 132
Hydrogen Generation Equipment 124
Hydrogenation Catalysts
  See Catalysts, Hydrogenation 106
Hydrogenation Equipment 124
Importer of Soybeans &
Soybean Products 26
Industrial Process Consultant
  See Consultants,
  Industrial Processes 109
Information Services
  See News Wires, Commodity;
  Publications/
  Informational Services 130, 133
Inspection Services 124
Instruments, Instrument Systems 126
Liquid Agitators
  See Agitators, Liquid 103
Loading & Unloading Equipment,
Barge 126
Loading & Unloading Equipment,
Railroad 126
Loading & Unloading Equipment,
Ship 126
Loading & Unloading Equipment,
Truck 126
Margarine Equipment 126
Margarine Packaging Equipment
  See Soyfoods Packaging
  Equipment & Supplies 137
Marketing Consultant
  See Consultants, Marketing 110
Material Level Controls 128
Meal Dryers
  See Dryers, Meal 116
Metal Detection
  See Quality Control/
  Metal Detection 134
Milling Equipment Supplies,
Spare Parts & Repair 128
Mixing Equipment Dry 128
Moisture Testers 130
News Wires, Commodity 130
Ocean Freight Line
  See Freight Line, Ocean 122
Ocean Port Terminal
  See Terminal, Ocean Port 141
Oil Dryers
  See Dryers, Oil 116
Oil/Protein/Fiber Analyzers 130
Organically Grown Soybeans 42
Packaging Equipment & Supplies
  See Soyfoods Packaging
  Equipment & Supplies 130
Pelleting Equipment 130
Physical Refining/Neutralization
Equipment
  See Refining/Neutralization
  Equipment, Physical 134
Plant Construction
  See Construction Contractors,
  Complete Plants; Construction
  Contractors, Protein Plants 108
Presses, Continuous Screw 130
Presses, Filter 132
Presses, Hydraulic 132
Product Development
  See Consultants,
  Product Development 111
Protein Analyzers
  See Oil/Protein/Fiber Analyzers 130
Publications/Informational Services 133
Pulverizing Equipment 133
Quality Control/Metal Detection 134
Railroad Company
  See Freight Line,
  Railroad Company 123
Recyclers, Spent Catalyst
  See Spent Catalyst Recyclers 141
Refining/Neutralization
Equipment, Chemical 134
Refining/Neutralization Equipment,
Physical 134
Roasters
  See Cookers/Extruders/
  Roasters 114
Samplers, Automatic
  See Automatic Samplers 104
Sanitizing Equipment & Supplies
  See Cleaning/Sanitizing
  Equipment & Supplies 106
Scales 134
Screeners/Screening Equipment 135
Screening Equipment
  See Screeners/
  Screening Equipment 135
Separators
  See Fat Splitters/Separators 120
Shortening Equipment 135
Silo Storage
  See Elevator & Silo Storage 117
Soapstock Equipment 135
Solvent Extraction Distillation
Equipment 136
Solvent Extraction Equipment 136
Solvent Recovery Condensers
  See Condensers,
  Solvent Recovery 107
Solvents 136
Solvent Vapor Detection & Control ..137
Soy Protein Equipment & Supplies ...137
Soybean Breeder 34
Soybean Seed Supplier 42
Soybeans 42
Soybeans, Food Use 42
Soybeans, Organically Grown 42
Soyfoods Equipment & Supplies
  See Soymilk & Tofu
  Equipment & Supplies 138
Soyfoods Packaging
Equipment & Supplies 137
Soymilk & Tofu
Equipment & Supplies 138
Spent Catalyst Recyclers 141
Storage Equipment & Supplies
  See Buildings, Flat Storage; Elevator &
  Silo Storage; Fumigants; Tanks, Crude
  Oil Storage 105, 117, 123, 141
Storage, Bulk Liquid 141
Surveys
  See Weighing Services & Surveys .142
Tanks, Crude Oil Storage 141
Temperature Monitors 141
Terminal, Ocean Port 141
Terminal, U.S. Interior Port 141
Toasters
  See Cookers/Extruders/Roasters .114
Tofu Equipment & Supplies
  See Soymilk & Tofu
  Equipment & Supplies 138
Transportation
  See Freight Line, Barge;
  Freight Line, Ocean; Freight Line,
  Railroad Company; Freight Line,
  Trucking 122, 123
Trucking Firm
  See Freight Line, Trucking 123
U.S. Interior Port
  See Terminal, U.S. Interior Port 141
Used Equipment 142
Warehousing
  See Storage, Bulk Liquid;
  Terminal, Ocean Port;
  Terminal, U.S. Interior Port 141
Warning Systems 142
Waste Water Treatment Equipment .142
Weighing Services & Surveys 142

▼ AERATION EQUIPMENT

(See CONDITIONERS & COOLERS; DRYERS, GRAIN; DRYERS, MEAL)

▼ AGITATORS, LIQUID

Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
S. A. Fractionnement Tirtiaux, (BELGIUM) ....P. 125
Alfa-Laval Equipamentos Ltda., (BRAZIL)
Andreotti Impianti S.p.A., (ITALY)
APV Crepaco, Inc., (U.S.A.)
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Tecnintegral Ltda., (COLOMBIA)

▼ AIR CLASSIFIERS

Europa Crown LTD., (ENGLAND) ....P. 2
Prater Industries, Inc., (U.S.A.) ....P. 129
Adasco, Inc., (U.S.A.)
Agra Erectors, Inc., (U.S.A.)
APM Technology Inc., (U.S.A.)
BAR N.A., Inc., (U.S.A.)
Carver, Inc., (U.S.A.)
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Cimbria Unigrain Ltd. A/S, (DENMARK)
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(See CAUSTIC/ALKALI SUPPLIERS)

▼ ANALYTICAL LABORATORIES

Alfa-Laval South East Asia Pte. Ltd., (SINGAPORE) ....P. 131
APV DTD, Soya Technology Division, (DENMARK) ....P. 242
Europa Crown LTD., (ENGLAND) P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
Illinois Crop Improvement Assocation (U.S.A.) ....P. 21
Indiana Crop Improvement Association (U.S.A.) ....P. 104
International Soybean Program (INTSOY), (U.S.A.) ....P. 110
Woodson-Tenent Laboratories, Inc., (U.S.A.) ....P. 103
Andreotti Impianti S.p.A., (ITALY)
Associated Laboratories, (U.S.A.)
Charles V. Bacon, Inc., (U.S.A.)
BPM Industries, (U.S.A.)
Bruker Spectrospin Canada Ltd., (CANADA)
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Step Ltd. STI, (TURKEY)
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▼ ANALYTICAL LABORATORY EQUIPMENT

APV DTD, Soya Technology Division, (DENMARK) .... P. 242
APM Technology Inc., (U.S.A.)
C. W. Brabender Instruments, Inc., (U.S.A.)
Brinkmann Instruments, Inc., (U.S.A.)
Bruker Spectrospin Canada Ltd., (CANADA)
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Nicolet Instrument Corporation, (U.S.A.)
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Oxford Instruments Industrial Analysis Group., (ENGLAND)
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Rotterdamsche Margarine Industrie (ROMI) BV, (NETHERLANDS)
Schoeller-Bleckmann G.m.b.H., (AUSTRIA)
H.F. Scientific, (U.S.A.)
Seedburo Equipment Company, (U.S.A.)
The Tintometer Ltd., (ENGLAND)
VAREX Corporation, (U.S.A.)

▼ ANTI-CAKING AGENTS

W. R. Grace Company, (U.S.A.) .... P. 6, 7 & 146
Oil-Dri Corporation of America, (U.S.A.) .... P. 148
American Colloid Company, (U.S.A.)
Cedar Heights Clay Company, (U.S.A.)
Do-Well Oil Plants Pvt. Ltd., (INDIA)
Engelhard Corporation, (U.S.A.)
J. M. Huber Corp. - Clay Division, (U.S.A.)
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Spads Biotechnica (P) Ltd., (INDIA)
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▼ ASPIRATORS

Buhler Inc., (U.S.A.) .... P. 100
Europa Crown LTD., (ENGLAND) .... P. 2
N. Hunt Moore & Associates, (U.S.A.) .... P. 119
Agra Erectors, Inc., (U.S.A.)
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Walter Maschinebau GmbH, (GERMANY)
Waters Chromatography Division, (U.S.A.)

▼ BAGS, BAGGING EQUIPMENT

Europa Crown LTD., (ENGLAND) ....P. 2
H. R. Williams Mill Supply Company, (U.S.A.) ....P. 135
Ag-Bag Corporation, (U.S.A.)
Agra Erectors, Inc., (U.S.A.)
BAR N.A., Inc., (U.S.A.)
Carl G. Brimmekamp & Company, Inc., (U.S.A.)
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Greif Brothers Corp., (U.S.A.)
A. Gusmer, Inc., (U.S.A.)
The Hance Corporation, (U.S.A.)
J. L. Horst, Inc., (U.S.A.)
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I-Tung Machinery Industry Company, Ltd., (TAIWAN)
Len E. Ivarson, Inc., (U.S.A.)
Langston Company, Inc., (U.S.A.)
McCullough & Company, (U.S.A.)
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Seedburo Equipment Company, (U.S.A.)
Slidell, Inc., (U.S.A.)
Transac, Inc., (U.S.A.)
Weigh Right Automatic Scale Company, (U.S.A.)

▼ BARGE LINE

(See FREIGHT LINE, BARGE)

▼ BLEACHING & FILTERING EQUIPMENT

Campro Agra Limited, (CANADA) ....P. 115
Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
S. A. Fractionnement Tirtiaux, (BELGIUM) ....P. 125
Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127
Wurster & Sanger, Inc., (U.S.A.) ....P. 2
AB Pellerin/Zenith, (SWEDEN)
Alfa-Laval Equipamentos Ltda., (BRAZIL)
Alfa-Laval Fats & Oil Systems AB, (SWEDEN)
Amafilter B.V., (NETHERLANDS)
Andreotti Impianti S.p.A., (ITALY)
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Cereol Iberica, S.A. , (SPAIN)
Costruzioni Meccaniche Bernardini S.p.A., (ITALY)
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De Smet Do Brasil S.A., (BRAZIL)
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Do-Well Oil Plants Pvt. Ltd., (INDIA)
PT Duta Semesta Mukti, (INDONESIA)
EMI Corporation, (U.S.A.)
Engelhard Corporation, (U.S.A.)
Equipro Industrial Company Inc., (PHILIPPINES)
Extraction De Smet S.A., (COLOMBIA)
FMC Corporation, Chemical Products Group, (U.S.A.)
Frain Industries, Inc., (U.S.A.)
H.L.S. Ltd., (ISRAEL)
Industrial Filter & Pump Manufacturing Company, (U.S.A.)
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Franz Kirchfeld GmbH & Company KG, (GERMANY)
Koch Membrane Systems, Inc., (U.S.A.)
Liquid Filtration Consultants (LFC), (NETHERLANDS)
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Miura Engineering Company, Ltd., (JAPAN)
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Oil & Fat Consulting, (BELGIUM)
Process Systems, Inc. (PSI), (U.S.A.)
R & D Equipment Sales Company, (U.S.A.)
Rotterdamsche Margarine Industrie (ROMI) BV, (NETHERLANDS)
Samudio & Asociados Ltda, (COLOMBIA)
Johannes Schuback & Sohne, (GERMANY)
Sprout-Bauer, Inc., (U.S.A.)
Step Ltd. STI, (TURKEY)
Tecnintegral Ltda., (COLOMBIA)
Votator, Cherry Burrell Process Eq. Div., (U.S.A.)

▼ BLEACHING CLAYS/EARTHS

Europa Crown LTD., (ENGLAND) ....P. 2
W. R. Grace Company, (U.S.A.) ....P. 6, 7 & 146
Oil-Dri Corporation of America, (U.S.A.) ....P. 148
American Colloid Company, (U.S.A.)
Cottor International, (INDIA)
Do-Well Oil Plants Pvt. Ltd., (INDIA)
Engelhard Corporation, (U.S.A.)
Engelhard Sutton, (NETHERLANDS)
Laporte Absorbents, (ENGLAND)
Macoex-Masiero Commercial Export Ltd., (BRAZIL)
Masiero Industrial S.A., (BRAZIL)
Quimica Sumex, S.A. de C.V., (MEXICO)
R & D Equipment Sales Company, (U.S.A.)
Rotterdamsche Margarine Industrie (ROMI) BV, (NETHERLANDS)
L. A. Salomon Inc., (U.S.A.)
Samudio & Asociados Ltda, (COLOMBIA)
Süd-Chemie AG, (GERMANY)
Tecnintegral Ltda., (COLOMBIA)
United Catalysts Inc., (U.S.A.)

▼ BUILDINGS, FLAT STORAGE

Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
Agra Erectors, Inc., (U.S.A.)
Baker Rullman Mfg. Inc., (U.S.A.)
Behlen Mfg. Co., (U.S.A.)
Borton, Inc., (U.S.A.)
Chief Industries, Inc., (U.S.A.)
Cimbria Unigrain Ltd. A/S, (DENMARK)
Dabney-Hoover Supply Company, Inc., (U.S.A.)
De Smet Chemfood Engineering Pvt. Ltd., (INDIA)
De Smet Do Brasil S.A., (BRAZIL)
De Smet (Engineering) S.E. Asia Pte. Ltd., (SINGAPORE)
De Smet Engineers & Contractors S.A., (BELGIUM)
De Smet Espana S.A., (SPAIN)
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De Smet Mexico S.A. de C.V., (MEXICO)
De Smet S.A.I.C., (ARGENTINA)
PT Duta Semesta Mukti, (INDONESIA)
Dynequip, Inc., (U.S.A.)
Equipro Industrial Company Inc., (PHILIPPINES)
Extraction De Smet S.A., (COLOMBIA)
Martin Sprocket & Gear, Inc., (U.S.A.)
The Nay Company, (U.S.A.)
Oil & Fat Consulting, (BELGIUM)
Step Ltd. STI, (TURKEY)
Stout Industrial, (U.S.A.)
Van Sickle, Allen & Associates, Inc., (U.S.A.)

▼ BULK LIQUID STORAGE

(See STORAGE, BULK LIQUID)

▼ CATALYSTS, HYDROGENATION

Europa Crown LTD., (ENGLAND) .... P. 2

W. R. Grace Company, (U.S.A.) .... P. 6, 7 & 146

AMLON Metals Inc., (U.S.A.)
Calsicat, (U.S.A.)
Cottor International, (INDIA)
Engelhard Sutton, (NETHERLANDS)
Mallinckrodt, Inc., (U.S.A.)
Samudio & Asociados Ltda, (COLOMBIA)
Süd-Chemie AG, (GERMANY)
Tecnintegral Ltda., (COLOMBIA)
Unichema Chemie GmbH, (GERMANY)
Unichema North America, (U.S.A.)
United Catalysts Inc., (U.S.A.)

▼ CAUSTIC/ALKALI SUPPLIERS

Centrico, Inc., (U.S.A.) .... P. 4

Crown Iron Works Company, (U.S.A.) .... P. 2

Damman-Croes S.A., (BELGIUM) P.109

Europa Crown LTD., (ENGLAND) .... P. 2

N.V. Extraction De Smet S.A., (BELGIUM) .... P. 8

Wurster & Sanger, Inc., (U.S.A.) .... P. 2

Alfa-Laval Fats & Oil Systems AB, (SWEDEN)
Arrowhead Marketing Services Inc., (U.S.A.)
Centrico, Inc., (U.S.A.)
Cereol Iberica, S.A. , (SPAIN)
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De Smet Chemfood Engineering Pvt. Ltd., (INDIA)
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Masiero Industrial S.A., (BRAZIL)
Johannes Schuback & Sohne, (GERMANY)
Spads Biotechnica (P) Ltd., (INDIA)
Step Ltd. STI, (TURKEY)

▼ CENTRIFUGES

Alfa-Laval Beverage Systems A.B., (SWEDEN) .... P. 131

Alfa-Laval South East Asia Pte. Ltd., (SINGAPORE) .... P. 131

Centrico, Inc., (U.S.A.) .... P. 4

Europa Crown LTD., (ENGLAND) .... P. 2

Alfa-Laval Equipamentos Ltda., (BRAZIL)
BAR N.A., Inc., (U.S.A.)
Bock Engineered Products, Inc., (U.S.A.)
Centrico, Inc., (U.S.A.)
Do-Well Oil Plants Pvt. Ltd., (INDIA)
J. R. Dykes Sales & Service, Inc., (U.S.A.)
International Reserve Equipment Corp., (U.S.A.)
Johnson-Loft Engineers, Inc., (U.S.A.)
R & D Equipment Sales Company, (U.S.A.)
Separators, Inc., (U.S.A.)
Westfalia Separator AG, (GERMANY)

▼ CHEMICAL REFINING/ NEUTRALIZATION EQUIPMENT

(See REFINING/ NEUTRALIZATION EQUIPMENT, CHEMICAL)

▼ CLAYS, BLEACHING

(See BLEACHING CLAYS/EARTHS)

▼ CLEANERS, COMMERCIAL GRAIN

(See COMMERCIAL GRAIN CLEANERS)

▼ CLEANING/SANITIZING EQUIPMENT & SUPPLIES

Alfa-Laval Beverage Systems A.B., (SWEDEN) .... P. 131

Alfa-Laval South East Asia Pte. Ltd., (SINGAPORE) .... P. 131

Cottor International, (INDIA)
Goudsmit Magnetic Systems B.V, (NETHERLANDS)
Miura Engineering Company, Ltd., (JAPAN)

▼ COAGULANTS FOR TOFU

Charles B. Chrystal Company, Inc., (U.S.A.) .... P. 138

Kawanishi Shoko Company Ltd., (JAPAN) .... P. 138

Nosawa New York, Inc., (U.S.A.) .... P. 139 & 149

Sato & Company, Ltd., (JAPAN) .... P. 139 & 149

Generichem Corporation, (U.S.A.)
Nosawa & Company, Ltd., (JAPAN)
Takai Tofu & Soymilk Equipment Company, (JAPAN)

▼ COMMERCIAL GRAIN CLEANERS

APV DTD, Soya Technology Division, (DENMARK) .... P. 242

Buhler Inc., (U.S.A.) .... P. 100

Damman-Croes S.A., (BELGIUM) .... P. 109

Europa Crown LTD., (ENGLAND) P. 2

Adasco, Inc., (U.S.A.)
BAR N.A., Inc., (U.S.A.)
C. W. Brabender Instruments, Inc., (U.S.A.)
W. C. Cantrell Company, (U.S.A.)
Carter Day Company, (U.S.A.)
Carter Day Industries (Canada), Ltd., (CANADA)
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Crippen Manufacturing Company, Inc., (U.S.A.)
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DAMAS A.S., (DENMARK)
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Ferrell-Ross, (U.S.A.)
Forsbergs, Inc., (U.S.A.)
Frain Industries, Inc., (U.S.A.)
A. Gusmer, Inc., (U.S.A.)
The Hance Corporation, (U.S.A.)
Henke Machine Inc., (U.S.A.)
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S. Howes Company, Inc., (U.S.A.)
Kamas Industri AB, (SWEDEN)
Kice Industries, Inc., (U.S.A.)
Mannesmann Comercial S/A, (BRAZIL)
Mid-South Metric Components Company, (U.S.A.)
The Nay Company, (U.S.A.)
Oliver Manufacturing Company, Inc., (U.S.A.)
R & D Equipment Sales Company, (U.S.A.)
Rotex Inc., (U.S.A.)
Seedburo Equipment Company, (U.S.A.)
SKET - Schwermaschinenbau-Kombinat Ernst Thälmann, (GERMANY)
Smico Manufacturing Corp., (U.S.A.)
Sortex Ltd., (ENGLAND)
Triple/S Dynamics, Inc., (U.S.A.)

▼ COMMODITY NEWS WIRES

(See NEWS WIRES, COMMODITY)

▼ COMPUTER PROCESS CONTROL, HARDWARE

Alfa-Laval Beverage Systems A.B., (SWEDEN) .... P. 131

APV DTD, Soya Technology Division, (DENMARK) .... P. 242

Europa Crown LTD., (ENGLAND) P. 2

N.V. Extraction De Smet S.A., (BELGIUM) .... P. 8

Abel Manufacturing Company, Inc., (U.S.A.)
Alfa-Laval Equipamentos Ltda., (BRAZIL)
APV Crepaco, Inc., (U.S.A.)
Bollheimer & Associates, Inc., (U.S.A.)
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De Smet Rosedowns Ltd., (ENGLAND)
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Dynequip, Inc., (U.S.A.)
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Extraction De Smet S.A., (COLOMBIA)
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The Foxboro Company, (U.S.A.)
General Electric Company, (U.S.A.)
Greenway Electric, Inc., (U.S.A.)
Johnson-Loft Engineers, Inc., (U.S.A.)
Nicolet Instrument Corporation, (U.S.A.)
Ohaus Corporation, (U.S.A.)
Oil & Fat Consulting, (BELGIUM)
Process Systems, Inc. (PSI), (U.S.A.)
Schipke Engineers, (U.S.A.)
Simons-Conkey, Inc., (U.S.A.)
Simons-Eastern Consultants Inc., (U.S.A.)
SKET - Schwermaschinenbau-Kombinat Ernst Thälmann, (GERMANY)
Step Ltd. STI, (TURKEY)
Westinghouse Electric Corporation, (U.S.A.)

▼ COMPUTER PROCESS CONTROL, PROGRAMMING

Alfa-Laval Beverage Systems A.B., (SWEDEN) ....P. 131
Alfa-Laval South East Asia Pte. Ltd., (SINGAPORE) ....P. 131
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
Prater Industries, Inc., (U.S.A.) ....P. 129
Abel Manufacturing Company, Inc., (U.S.A.)
Alfa-Laval Equipamentos Ltda., (BRAZIL)
Andreotti Impianti S.p.A., (ITALY)
APV Crepaco, Inc., (U.S.A.)
Bollheimer & Associates, Inc., (U.S.A.)
Carter Manufacturing Company, Inc., (U.S.A.)
Control Enterprises, Inc., (U.S.A.)
Dantec Systems Corporation, (CANADA)
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De Smet Do Brasil S.A., (BRAZIL)
De Smet Egypt, (EGYPT)
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De Smet Engineers & Contractors S.A., (BELGIUM)
De Smet Espana S.A., (SPAIN)
De Smet (Malaysia) Sdn. Bhd., (MALAYSIA)
De Smet Mexico S.A. de C.V., (MEXICO)
De Smet Process & Technology, Inc., (U.S.A.)
De Smet Rosedowns Ltd., (ENGLAND)
De Smet S.A.I.C., (ARGENTINA)
DICKEY-john Corporation, (U.S.A.)
PT Duta Semesta Mukti, (INDONESIA)
Dynequip, Inc., (U.S.A.)
Elliott Automation Company, Inc., (U.S.A.)
Equipro Industrial Company Inc., (PHILIPPINES)
Extraction De Smet S.A., (COLOMBIA)
Food Industry Research & Development Institute, (TAIWAN)
Fru-Con Engineering Inc., (U.S.A.)
Greenway Electric, Inc., (U.S.A.)
Johnson-Loft Engineers, Inc., (U.S.A.)
Miura Engineering Company, Ltd., (JAPAN)
Nicolet Instrument Corporation, (U.S.A.)
Ohaus Corporation, (U.S.A.)
Oil & Fat Consulting, (BELGIUM)
Process Systems, Inc. (PSI), (U.S.A.)
Simons-Conkey, Inc., (U.S.A.)
Simons-Eastern Consultants Inc., (U.S.A.)
SKET - Schwermaschinenbau-Kombinat Ernst Thälmann, (GERMANY)
Step Ltd. STI, (TURKEY)
Westinghouse Electric Corporation, (U.S.A.)

▼ COMPUTER PROCESS CONTROL, SOFTWARE

Alfa-Laval Beverage Systems A.B., (SWEDEN) ....P. 131
Alfa-Laval South East Asia Pte. Ltd., (SINGAPORE) ....P. 131
APV DTD, Soya Technology Division, (DENMARK) ....P. 242
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
Prater Industries, Inc., (U.S.A.) ....P. 129
Abel Manufacturing Company, Inc., (U.S.A.)
Alfa-Laval Equipamentos Ltda., (BRAZIL)
Andreotti Impianti S.p.A., (ITALY)
APV Crepaco, Inc., (U.S.A.)
Bollheimer & Associates, Inc., (U.S.A.)
Bruker Spectrospin Canada Ltd., (CANADA)
Carter Manufacturing Company, Inc., (U.S.A.)
Control Enterprises, Inc., (U.S.A.)
The Core Team, (U.S.A.)
Dantec Systems Corporation, (CANADA)
De Smet Chemfood Engineering Pvt. Ltd., (INDIA)
De Smet Do Brasil S.A., (BRAZIL)
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De Smet Engineers & Contractors S.A., (BELGIUM)
De Smet Espana S.A., (SPAIN)
De Smet (Malaysia) Sdn. Bhd., (MALAYSIA)
De Smet Mexico S.A. de C.V., (MEXICO)
De Smet Rosedowns Ltd., (ENGLAND)
De Smet S.A.I.C., (ARGENTINA)
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Davy Dravo, (U.S.A.)
PT Duta Semesta Mukti, (INDONESIA)
Dynequip, Inc., (U.S.A.)
Elliott Automation Company, Inc., (U.S.A.)
Equipro Industrial Company Inc., (PHILIPPINES)
Extraction De Smet S.A., (COLOMBIA)
Food Industry Research & Development Institute, (TAIWAN)
The Foxboro Company, (U.S.A.)
Greenway Electric, Inc., (U.S.A.)
Honeywell, Inc., Industrial Controls Division, (U.S.A.)
Johnson-Loft Engineers, Inc., (U.S.A.)
Libra Laboratories, Inc., (U.S.A.)
Nicolet Instrument Corporation, (U.S.A.)
Ohaus Corporation, (U.S.A.)
Oil & Fat Consulting, (BELGIUM)
Process Systems, Inc. (PSI), (U.S.A.)
Simons-Conkey, Inc., (U.S.A.)
Simons-Eastern Consultants Inc., (U.S.A.)
SKET - Schwermaschinenbau-Kombinat Ernst Thälmann, (GERMANY)
Step Ltd. STI, (TURKEY)
Westinghouse Electric Corporation, (U.S.A.)

▼ CONDENSERS, SOLVENT RECOVERY

Crown Iron Works Company, (U.S.A.) ....P. 2
Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
The French Oil Mill Machinery Company, (U.S.A.) ....P. 121
Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127
N. Hunt Moore & Associates, (U.S.A.) ....P. 119
Andreotti Impianti S.p.A., (ITALY)
APV Crepaco, Inc., (U.S.A.)
CAMECO Industries, Honiron Division, (U.S.A.)
Costruzioni Meccaniche Bernardini S.p.A., (ITALY)
De Smet Chemfood Engineering Pvt. Ltd., (INDIA)
De Smet Do Brasil S.A., (BRAZIL)
De Smet (Engineering) S.E. Asia Pte. Ltd., (SINGAPORE)
De Smet Engineers & Contractors S.A., (BELGIUM)
De Smet Espana S.A., (SPAIN)
De Smet (Malaysia) Sdn. Bhd., (MALAYSIA)
De Smet Mexico S.A. de C.V., (MEXICO)
De Smet Process & Technology, Inc., (U.S.A.)
De Smet Rosedowns Ltd., (ENGLAND)
De Smet S.A.I.C., (ARGENTINA)
Dedert Corporation, (U.S.A.)
Do-Well Oil Plants Pvt. Ltd., (INDIA)
Davy Dravo, (U.S.A.)
PT Duta Semesta Mukti, (INDONESIA)
J. R. Dykes Sales & Service, Inc., (U.S.A.)
EMI Corporation, (U.S.A.)
Equipro Industrial Company Inc., (PHILIPPINES)
Extraction De Smet S.A., (COLOMBIA)
Frain Industries, Inc., (U.S.A.)
H.L.S. Ltd., (ISRAEL)
Hayes General Technology Company Ltd., (ISRAEL)
Lurgi Gas und Mineraloltechnik GmbH, (GERMANY)

Macoex-Masiero Commercial Export Ltd., (BRAZIL)
Mannesmann Comercial S/A, (BRAZIL)
Masiero Industrial S.A., (BRAZIL)
Oil & Fat Consulting, (BELGIUM)
P.A.T.M. Company, (U.S.A.)
Plant Maintenance Service Corporation, (U.S.A.)
Pro-Fab, Inc., (U.S.A.)
Process Systems, Inc. (PSI), (U.S.A.)
R & D Equipment Sales Company, (U.S.A.)
SKET - Schwermaschinenbau-Kombinat Ernst Thälmann, (GERMANY)
Step Ltd. STI, (TURKEY)
Superior Welding Company, (U.S.A.)
Tecnintegral Ltda., (COLOMBIA)

▼ CONDITIONERS & COOLERS

Crown Iron Works Company, (U.S.A.) ....P. 2
Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
The French Oil Mill Machinery Company, (U.S.A.) ....P. 121
Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127
N. Hunt Moore & Associates, (U.S.A.) ....P. 119
Andritz Spout Bauer, Inc., (U.S.A.)
Applikon Dependable Instruments BV, (NETHERLANDS)
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▼ CONSTRUCTION CONTRACTORS, COMPLETE PLANTS

Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127
Laidig Industrial Systems, (U.S.A.) ....P. 147
A-Lert Corporation, (U.S.A.)
Agra Erectors, Inc., (U.S.A.)
Alfa-Laval Equipamentos Ltda., (BRAZIL)
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Younglove - Planners, Engineers, Constructors, (U.S.A.)

▼ CONSTRUCTION CONTRACTORS, PROTEIN PLANTS

Damman-Croes S.A., (BELGIUM) ....P. 109
Laidig Industrial Systems, (U.S.A.) ....P. 147
Alfa-Laval Equipamentos Ltda., (BRAZIL)
Borton, Inc., (U.S.A.)
Davy Dravo, (U.S.A.)
Europa Crown LTD., (ENGLAND)
Fluor Daniel Siting & Consulting Services, (U.S.A.)
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Hayes General Technology Company Ltd., (ISRAEL)
Industrial Erectors, Inc., (U.S.A.)
Industry General Corporation, (U.S.A.)
Pro-Fab, Inc., (U.S.A.)
Process Engenharia Industrial Ltda., (BRAZIL)
Process Systems, Inc. (PSI), (U.S.A.)
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Van Sickle, Allen & Associates, Inc., (U.S.A.)
Wenger International Inc., (U.S.A.)

▼ CONSULTANTS, EQUIPMENT

Bean Machines, Inc., (U.S.A.) .... P. 137 & 145

Campro Agra Limited, (CANADA) .... P. 115

Damman-Croes S.A., (BELGIUM) .... P. 109

International Soybean Program (INTSOY), (U.S.A.) .... P. 110

The Lactosoy Agency, (SWEDEN) .... P. 111

ProSoya Foods International, Inc., (CANADA) .... P. 140

Soyatech, Inc., (U.S.A.) .... P. 99

A.G.M.E. International Enterprise Corp., (U.S.A.)
Agra Erectors, Inc., (U.S.A.)
APV Crepaco, Inc., (U.S.A.)
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▼ CONSULTANTS, INDUSTRIAL PROCESSES

Campro Agra Limited, (CANADA) .... P. 115

Damman-Croes S.A., (BELGIUM) .... P. 109

International Soybean Program (INTSOY), (U.S.A.) .... P. 110

The Lactosoy Agency, (SWEDEN) .... P. 111

ProSoya Foods International, Inc., (CANADA) .... P. 140

Soyatech, Inc., (U.S.A.) .... P. 99

A.G.M.E. International Enterprise Corp., (U.S.A.)
ADI International Inc., (CANADA)
APV Crepaco, Inc., (U.S.A.)
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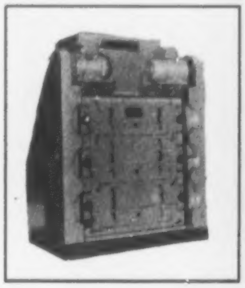

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Walter Maschinebau GmbH, (GERMANY)

▼ CONSULTANTS, MARKETING

The Lactosoy Agency, (SWEDEN) .... P. 111
Soyatech, Inc., (U.S.A.) .... P. 99
Strayer Seed Farms, (U.S.A.) ... P. 58
A.G.M.E. International Enterprise Corp., (U.S.A.)
Abel, Daft & Earley, (U.S.A.)
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APV DTD, Soya Technology Division, (DENMARK) .... P. 242
Bean Machines, Inc., (U.S.A.) .... P. 137 & 145
Campro Agra Limited, (CANADA) .... P. 115
International Soybean Program (INTSOY), (U.S.A.) .... P. 110
The Lactosoy Agency, (SWEDEN) .... P. 111
Soyatech, Inc., (U.S.A.) .... P. 99
A.G.M.E. International Enterprise Corp., (U.S.A.)
Abel Manufacturing Company, Inc., (U.S.A.)
Adasco, Inc., (U.S.A.)
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Younglove - Planners, Engineers, Constructors, (U.S.A.)

▼ CONSULTANTS, PRODUCT DEVELOPMENT

Alfa-Laval South East Asia Pte. Ltd., (SINGAPORE) .... P. 131
APV DTD, Soya Technology Division, (DENMARK) .... P. 242
Bean Machines, Inc., (U.S.A.) .... P. 137 & 145
International Soybean Program (INTSOY), (U.S.A.) .... P. 110
The Lactosoy Agency, (SWEDEN) .... P. 111
Soyatech, Inc., (U.S.A.) .... P. 99
A.G.M.E. International Enterprise Corp., (U.S.A.)
Advanced Foods Systems, (U.S.A.)
APV Crepaco, Inc., (U.S.A.)
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▼ CONTINUOUS SCREW PRESSES

(See PRESSES, CONTINUOUS SCREW)

▼ CONTRACT RESEARCH (PILOT SCALE)

Campro Agra Limited, (CANADA) .... P. 115
Europa Crown LTD., (ENGLAND) .... P. 2
N.V. Extraction De Smet S.A., (BELGIUM) .... P. 8
International Soybean Program (INTSOY), (U.S.A.) .... P. 110
Soyatech, Inc., (U.S.A.) .... P. 99
ADI International Inc., (CANADA)
Advanced Foods Systems, (U.S.A.)
Andreotti Impianti S.p.A., (ITALY)
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▼ CONTROL INSTRUMENTS

Europa Crown LTD., (ENGLAND) .... P. 2
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Dynequip, Inc., (U.S.A.)
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General Electric Company, (U.S.A.)
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A. Gusmer, Inc., (U.S.A.)
Honeywell, Inc., Industrial Controls Division, (U.S.A.)
Kamas Industri AB, (SWEDEN)
Lakeland Engineering Equipment Company, (U.S.A.)
Micron Powder Systems, (U.S.A.)
Miura Engineering Company, Ltd., (JAPAN)
Ohaus Corporation, (U.S.A.)
Oxford Analytical Inc., (U.S.A.)
Oxford Instruments Industrial Analysis Group., (ENGLAND)
P.A.T.M. Company, (U.S.A.)
RELCO Unisystems Corp., (U.S.A.)
George A. Rolfes Company, (U.S.A.)
Seedburo Equipment Company, (U.S.A.)
Westinghouse Electric Corporation, (U.S.A.)

▼ CONVEYORS (DRAG OR EN MASSE)

Bean Machines, Inc., (U.S.A.) .... P. 137 & 145
Buhler Inc., (U.S.A.) .... P. 100
Damman-Croes S.A., (BELGIUM) .... P. 109
Divine Engineering, Inc., (U.S.A.) .... P. 113
Europa Crown LTD., (ENGLAND) .... P. 2
Tramco, Inc., (U.S.A.) .... Inside Back Cover
Abrasion Engineering, Inc., (U.S.A.)
All-State Belting Company, (U.S.A.)
APV Crepaco, Inc., (U.S.A.)
BAR N.A., Inc., (U.S.A.)
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Carl G. Brimmekamp & Company, Inc., (U.S.A.)
CAMECO Industries, Honiron Division, (U.S.A.)
Carter Manufacturing Company, Inc., (U.S.A.)
The Chantland Company, (U.S.A.)
Cimbria Unigrain Ltd. A/S, (DENMARK)
Codema, Inc., (U.S.A.)
Continental Agra Grain Equipment, Inc., (U.S.A.)
Cottor International, (INDIA)
Dairyland Seed Company, Inc., (U.S.A.)
J. R. Dykes Sales & Service, Inc., (U.S.A.)
Electrical Engineering & Equipment Company, (U.S.A.)
FEECO International, Inc., (U.S.A.)
Fischbein Company, (U.S.A.)
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Henke Machine Inc., (U.S.A.)
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Industrial Erectors, Inc., (U.S.A.)
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Plant Maintenance Service Corporation, (U.S.A.)
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Sprout-Bauer, Inc., (U.S.A.)
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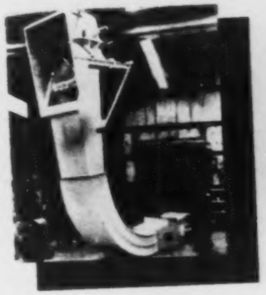

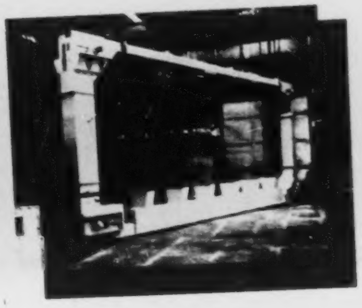

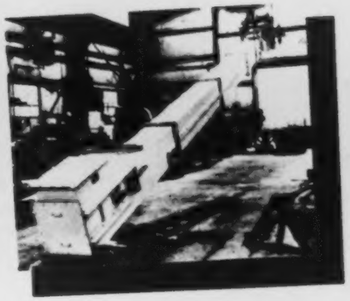

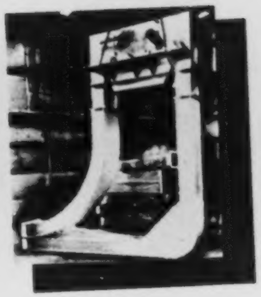

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▼ COOKERS/ EXTRUDERS/ROASTERS

Anderson International Corp., (U.S.A.) ....P. 9 & 144
Bean Machines, Inc., (U.S.A.) ....P. 137 & 145
Buhler Inc., (U.S.A.) ....P. 100
Crown Iron Works Company, (U.S.A.) ....P. 2
Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
The French Oil Mill Machinery Company, (U.S.A.) ....P. 121
Andritz Spout Bauer, Inc., (U.S.A.)
APV Crepaco, Inc., (U.S.A.)
BAR N.A., Inc., (U.S.A.)
BEPEX, (U.S.A.)
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Cherry-Burrell, Process Equipment Div., (U.S.A.)
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De Smet Do Brasil S.A., (BRAZIL)
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De Smet (Malaysia) Sdn. Bhd., (MALAYSIA)
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EPE Incorporated, (U.S.A.)
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Extraction De Smet S.A., (COLOMBIA)
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Goodwin Engineering & Trading, Inc., (TAIWAN)
H.L.S. Ltd., (ISRAEL)
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Masiero Industrial S.A., (BRAZIL)
Miura Engineering Company, Ltd., (JAPAN)
Nosawa & Company, Ltd., (JAPAN)
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C. A. Picard Inc., (U.S.A.)
Plant Maintenance Service Corporation, (U.S.A.)
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Samudio & Asociados Ltda, (COLOMBIA)
Schnupp's Grain Roasting, Inc., (U.S.A.)
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Wenger Manufacturing, Inc., (U.S.A.)

▼ COOLERS
(See CONDITIONERS & COOLERS)

▼ CRACKING EQUIPMENT
(See FLAKING & CRACKING EQUIPMENT)

▼ CRUDE OIL STORAGE TANKS
(See TANKS, CRUDE OIL STORAGE)

▼ DEGUMMING EQUIPMENT

Campro Agra Limited, (CANADA) ....P. 115
Centrico, Inc., (U.S.A.) ....P. 4
Crown Iron Works Company, (U.S.A.) ....P. 2
Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
S. A. Fractionnement Tirtiaux, (BELGIUM) ....P. 125
Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127
N. Hunt Moore & Associates, (U.S.A.) ....P. 119
Wurster & Sanger, Inc., (U.S.A.) ....P. 2
Alfa-Laval Equipamentos Ltda., (BRAZIL)
Alfa-Laval Fats & Oil Systems AB, (SWEDEN)
Andreotti Impianti S.p.A., (ITALY)
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Johnson-Loft Engineers, Inc., (U.S.A.)
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Masiero Industrial S.A., (BRAZIL)
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Oil & Fat Consulting, (BELGIUM)
Samudio & Asociados Ltda, (COLOMBIA)
Johannes Schuback & Sohne, (GERMANY)
Step Ltd. STI, (TURKEY)
Tecnintegral Ltda., (COLOMBIA)

▼ DEHULLING EQUIPMENT

APV DTD, Soya Technology Division, (DENMARK) ....P. 242
Bean Machines, Inc., (U.S.A.) ....P. 137 & 145
Buhler Inc., (U.S.A.) ....P. 100
Crown Iron Works Company, (U.S.A.) ....P. 2
Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
The French Oil Mill Machinery Company, (U.S.A.) ....P. 121
N. Hunt Moore & Associates, (U.S.A.) ....P. 119
BAR N.A., Inc., (U.S.A.)
W. C. Cantrell Company, (U.S.A.)
Carver, Inc., (U.S.A.)
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Sulzer-Escher Wyss GmbH, (GERMANY)
Tecnintegral Ltda., (COLOMBIA)
Triple/S Dynamics, Inc., (U.S.A.)

▼ DEODORIZATION EQUIPMENT

Campro Agra Limited, (CANADA) ....P. 115
Crown Iron Works Company, (U.S.A.) ....P. 2
Damman-Croes S.A., (BELGIUM) ....P. 109
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
Europa Crown LTD., (ENGLAND) ....P. 2
S. A. Fractionnement Tirtiaux, (BELGIUM) ....P. 125
Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127
N. Hunt Moore & Associates, (U.S.A.) ....P. 119
Wurster & Sanger, Inc., (U.S.A.) ....P. 2
Alfa-Laval Equipamentos Ltda., (BRAZIL)
Alfa-Laval Fats & Oil Systems AB, (SWEDEN)
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De Smet Rosedowns Ltd., (ENGLAND)
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PT Duta Semesta Mukti, (INDONESIA)
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EMI Corporation, (U.S.A.)
Engelmann & Buckham Machinery Ltd., (ENGLAND)
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Extraction De Smet S.A., (COLOMBIA)
Frain Industries, Inc., (U.S.A.)
H.L.S. Ltd., (ISRAEL)
Industrial Filter & Pump Manufacturing Company, (U.S.A.)
Johnson-Loft Engineers, Inc., (U.S.A.)
Franz Kirchfeld GmbH & Company KG, (GERMANY)
Korting Hannover AG, (GERMANY)
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Macoex-Masiero Commercial Export Ltd., (BRAZIL)
Masiero Industrial S.A., (BRAZIL)
Miura Engineering Company, Ltd., (JAPAN)
Nash-Kinema, Inc., (U.S.A.)
National Forge Company, (U.S.A.)
Oil & Fat Consulting, (BELGIUM)
Pitt-Des Moines, Inc., (U.S.A.)
Plant Maintenance Service Corporation, (U.S.A.)
Pro-Fab, Inc., (U.S.A.)
R & D Equipment Sales Company, (U.S.A.)
Rotterdamsche Margarine Industrie (ROMI) BV, (NETHERLANDS)
Samudio & Asociados Ltda, (COLOMBIA)
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Votator, Cherry Burrell Process Eq. Div., (U.S.A.)

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(See Flake Desolventizers, Flash/Vapor)

▼ DESOLVENTIZERS, NORMAL

(See FLAKE DESOLVENTIZERS, NORMAL)

▼ DISTILLATION EQUIPMENT, FATTY ACID

(See FATTY ACID DISTILLATION EQUIPMENT)

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▼ DRYERS, GRAIN

Anderson International Corp., (U.S.A.) ....P. 9 & 144

Damman-Croes S.A., (BELGIUM) ....P. 109

Europa Crown LTD., (ENGLAND) ....P. 2

N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8

Zimmerman Equipment Company, (U.S.A.) ....P. 117

Aeroglide Corporation, (U.S.A.)
Agra Erectors, Inc., (U.S.A.)
American Drying Systems, Inc., (U.S.A.)
B.N.W. Industries, (U.S.A.)
Beard Industries, (U.S.A.)
Behlen Mfg. Co., (U.S.A.)
BEPEX, (U.S.A.)
C. W. Brabender Instruments, Inc., (U.S.A.)
Cereol Iberica, S.A. , (SPAIN)
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Cottor International, (INDIA)
Dabney-Hoover Supply Company, Inc., (U.S.A.)
Davenport Machine & Foundry Company, (U.S.A.)
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De Smet Do Brasil S.A., (BRAZIL)
De Smet (Engineering) S.E. Asia Pte. Ltd., (SINGAPORE)
De Smet Engineers & Contractors S.A., (BELGIUM)
De Smet Espana S.A., (SPAIN)
De Smet (Malaysia) Sdn. Bhd., (MALAYSIA)
De Smet Mexico S.A. de C.V., (MEXICO)
De Smet S.A.I.C., (ARGENTINA)
PT Duta Semesta Mukti, (INDONESIA)
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Extraction De Smet S.A., (COLOMBIA)
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Frain Industries, Inc., (U.S.A.)
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Hosokawa Micron Division, (U.S.A.)
International Reserve Equipment Corp., (U.S.A.)
Mannesmann Comercial S/A, (BRAZIL)
Mathews Company, (U.S.A.)
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AB Svegma, (SWEDEN)
Tecnintegral Ltda., (COLOMBIA)
Wenger International Inc., (U.S.A.)

▼ DRYERS, MEAL

Anderson International Corp., (U.S.A.) ....P. 9 & 144

Crown Iron Works Company, (U.S.A.) ....P. 2

Damman-Croes S.A., (BELGIUM) ....P. 109

Europa Crown LTD., (ENGLAND) ....P. 2

N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8

The French Oil Mill Machinery Company, (U.S.A.) ....P. 121

Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127

N. Hunt Moore & Associates, (U.S.A.) ....P. 119

Agra Erectors, Inc., (U.S.A.)
APV Crepaco, Inc., (U.S.A.)
B.N.W. Industries, (U.S.A.)
Beard Industries, (U.S.A.)
BEPEX, (U.S.A.)
C. W. Brabender Instruments, Inc., (U.S.A.)
W. C. Cantrell Company, (U.S.A.)
Cimbria Unigrain Ltd. A/S, (DENMARK)
Cottor International, (INDIA)
Dabney-Hoover Supply Company, Inc., (U.S.A.)
Davenport Machine & Foundry Company, (U.S.A.)
De Smet Chemfood Engineering Pvt. Ltd., (INDIA)
De Smet Do Brasil S.A., (BRAZIL)
De Smet Egypt, (EGYPT)
De Smet (Engineering) S.E. Asia Pte. Ltd., (SINGAPORE)
De Smet Engineers & Contractors S.A., (BELGIUM)
De Smet Espana S.A., (SPAIN)
De Smet (Malaysia) Sdn. Bhd., (MALAYSIA)
De Smet Mexico S.A. de C.V., (MEXICO)
De Smet Process & Technology, Inc., (U.S.A.)
De Smet Rosedowns Ltd., (ENGLAND)
De Smet S.A.I.C., (ARGENTINA)
Dedert Corporation, (U.S.A.)
Do-Well Oil Plants Pvt. Ltd., (INDIA)
PT Duta Semesta Mukti, (INDONESIA)
J. R. Dykes Sales & Service, Inc., (U.S.A.)
Dynequip, Inc., (U.S.A.)
EPE Incorporated, (U.S.A.)
Equipro Industrial Company Inc., (PHILIPPINES)
Extraction De Smet S.A., (COLOMBIA)
Frain Industries, Inc., (U.S.A.)
A. Gusmer, Inc., (U.S.A.)
Hosokawa Micron Division, (U.S.A.)
International Reserve Equipment Corp., (U.S.A.)
Macoex-Masiero Commercial Export Ltd., (BRAZIL)
Mannesmann Comercial S/A, (BRAZIL)
Masiero Industrial S.A., (BRAZIL)
Micron Powder Systems, (U.S.A.)
National Dryer Services, Inc., (U.S.A.)
Ponndorf Maschinenfabrik GmbH, (GERMANY)
Pro-Fab, Inc., (U.S.A.)
Progressive Development Intl., Inc., (U.S.A.)
R & D Equipment Sales Company, (U.S.A.)
Johannes Schuback & Sohne, (GERMANY)
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Step Ltd. STI, (TURKEY)
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Superior Welding Company, (U.S.A.)
AB Svegma, (SWEDEN)
Tecnintegral Ltda., (COLOMBIA)
Wenger International Inc., (U.S.A.)

▼ DRYERS, OIL

Campro Agra Limited, (CANADA) ....P. 115

Crown Iron Works Company, (U.S.A.) ....P. 2

Damman-Croes S.A., (BELGIUM) ....P. 109

Europa Crown LTD., (ENGLAND) ....P. 2

N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8

Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127

Alfa-Laval Equipamentos Ltda., (BRAZIL)
Alfa-Laval Fats & Oil Systems AB, (SWEDEN)
Andreotti Impianti S.p.A., (ITALY)
CAMECO Industries, Honiron Division, (U.S.A.)
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(See CONDITIONERS & COOLERS; DRYERS, GRAIN; DRYERS, MEAL; DRYERS, OIL)

▼ DUST CONTROL SYSTEMS & SUPPLIES

APV DTD, Soya Technology Division, (DENMARK) .... P. 242
Buhler Inc., (U.S.A.) .... P. 100
Europa Crown LTD., (ENGLAND) .... P. 2
H. R. Williams Mill Supply Company, (U.S.A.) .... P. 135
Adasco, Inc., (U.S.A.)
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(See BLEACHING CLAYS/EARTHS)

▼ ELEVATOR & SILO STORAGE

APV DTD, Soya Technology Division, (DENMARK) .... P. 242
Damman-Croes S.A., (BELGIUM) .... P. 109
Europa Crown LTD., (ENGLAND) .... P. 2
N.V. Extraction De Smet S.A., (BELGIUM) .... P. 8
Laidig Industrial Systems, (U.S.A.) .... P. 147
Abel Manufacturing Company, Inc., (U.S.A.)
Agra Erectors, Inc., (U.S.A.)
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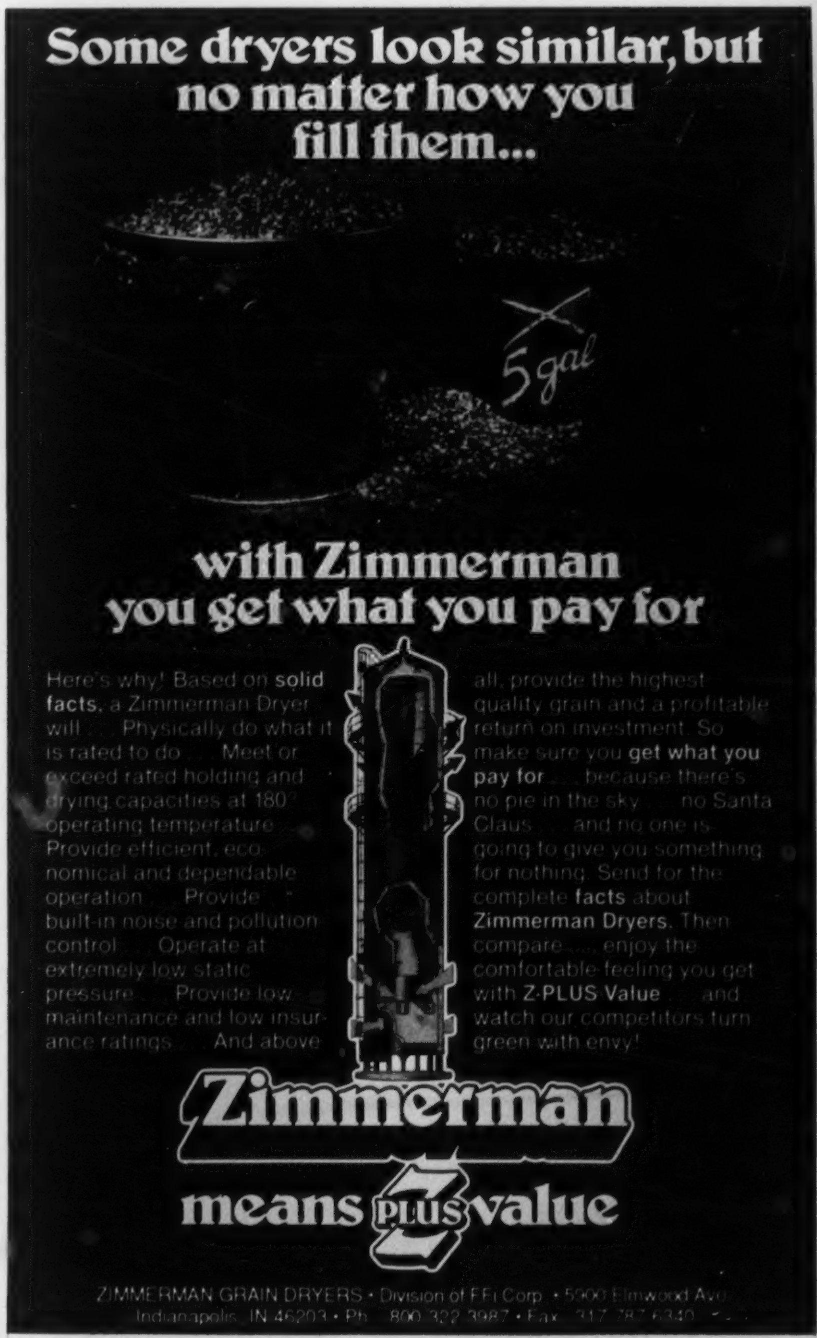

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R & D Equipment Sales Company, (U.S.A.)
Urschel Laboratories, Inc., (U.S.A.)

▼ ENGINEERING SERVICES

Alfa-Laval Beverage Systems A.B., (SWEDEN) ....P. 131
Alfa-Laval South East Asia Pte. Ltd., (SINGAPORE) ....P. 131
APV DTD, Soya Technology Division, (DENMARK) ....P. 242
Campro Agra Limited, (CANADA) ....P. 115
Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127
N. Hunt Moore & Associates, (U.S.A.) ....P. 119
A.G.M.E. International Enterprise Corp., (U.S.A.)
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▼ EQUIPMENT CONSULTANT

(See CONSULTANTS, EQUIPMENT)

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(See PAGE 25)

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(See COOKERS/ EXTRUDERS/ROASTERS)

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Damman-Croes S.A., (BELGIUM) ....P. 109

Europa Crown LTD., (ENGLAND) ....P. 2

N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8

Wurster & Sanger, Inc., (U.S.A.) ....P. 2

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Tecnintegral Ltda., (COLOMBIA)

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Crown Iron Works Company, (U.S.A.) ....P. 2

Damman-Croes S.A., (BELGIUM) ....P. 109

Europa Crown LTD., (ENGLAND) ....P. 2

N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8

Wurster & Sanger, Inc., (U.S.A.) ....P. 2

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De Smet Egypt, (EGYPT)
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(See OIL/PROTEIN/FIBER ANALYZERS)

▼ FILTER PRESSES

(See PRESSES, FILTER)

▼ FILTERING EQUIPMENT

(See BLEACHING & FILTERING EQUIPMENT; PRESSES, FILTER)

▼ FLAKE DESOLVENTIZERS, FLASH/VAPOR

Damman-Croes S.A., (BELGIUM) ....P. 109

Europa Crown LTD., (ENGLAND) ....P. 2

N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8

The French Oil Mill Machinery Company, (U.S.A.) ....P. 121

Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127

N. Hunt Moore & Associates, (U.S.A.) ....P. 119

Andreotti Impianti S.p.A., (ITALY)
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▼ FLAKE DESOLVENTIZERS, NORMAL

Damman-Croes S.A., (BELGIUM) ....P. 109

Europa Crown LTD., (ENGLAND) ....P. 2

N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8

The French Oil Mill Machinery Company, (U.S.A.) ....P. 121

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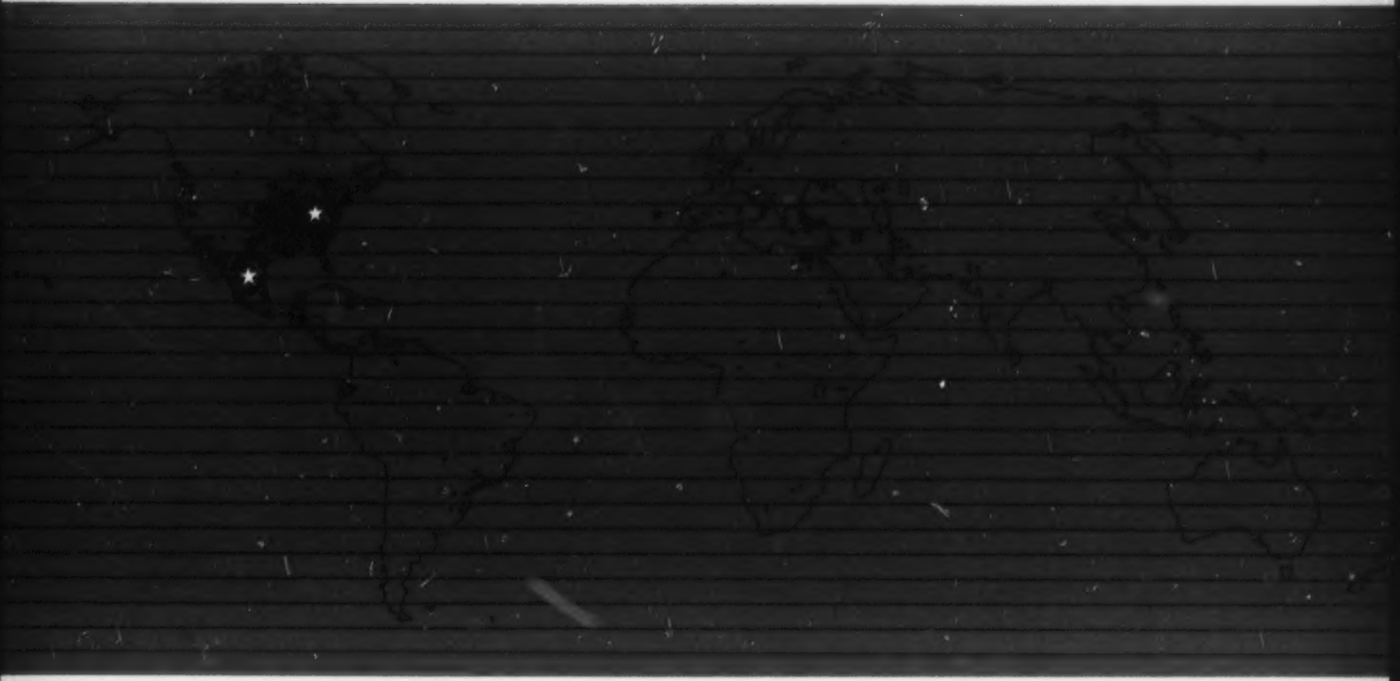

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Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
The French Oil Mill Machinery Company, (U.S.A.) ....P. 121
Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127
Metal Products International, Inc., (U.S.A.) ....P. 123
N. Hunt Moore & Associates, (U.S.A.) ....P. 119
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Samudio & Asociados Ltda, (COLOMBIA)
Johannes Schuback & Sohne, (GERMANY)
Schwäbische Hüttenwerke GmbH (SHW), (GERMANY)
SHW, Inc., (U.S.A.)
SKET - Schwermaschinenbau-Kombinat Ernst Thälmann, (GERMANY)
Sprout-Bauer, Inc., (U.S.A.)
Step Ltd. STI, (TURKEY)
Walter Maschinebau GmbH, (GERMANY)
Wenger International Inc., (U.S.A.)
Witt Corrugating, Inc., (U.S.A.)

▼ FLOW MEASUREMENT

Alfa-Laval Beverage Systems A.B., (SWEDEN) ....P. 131
Europa Crown LTD., (ENGLAND) ....P. 2
Abel Manufacturing Company, Inc., (U.S.A.)
Chronos Richardson, Inc., (U.S.A.)
Cimbria Unigrain Ltd. A/S, (DENMARK)
CP Instrument Company Ltd., (ENGLAND)
J. R. Dykes Sales & Service, Inc., (U.S.A.)
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Elliott Automation Company, Inc., (U.S.A.)
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The Foxboro Company, (U.S.A.)
General Electric Company, (U.S.A.)
Helix Conveyors Ltd., (ENGLAND)
Honeywell, Inc., Industrial Controls Division, (U.S.A.)
Micron Powder Systems, (U.S.A.)
Milltronics, Inc., (U.S.A.)
Miura Engineering Company, Ltd., (JAPAN)
Westinghouse Electric Corporation, (U.S.A.)

▼ FRACTIONATION EQUIPMENT

Campro Agra Limited, (CANADA) ....P. 115
Crown Iron Works Company, (U.S.A.) ....P. 2
Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
S. A. Fractionnement Tirtiaux, (BELGIUM) ....P. 125
Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127
Alfa-Laval Equipamentos Ltda., (BRAZIL)
Andreotti Impianti S.p.A., (ITALY)
Costruzioni Meccaniche Bernardini S.p.A., (ITALY)
De Smet Chemfood Engineering Pvt. Ltd., (INDIA)
De Smet Do Brasil S.A., (BRAZIL)
De Smet Egypt, (EGYPT)
De Smet (Engineering) S.E. Asia Pte. Ltd., (SINGAPORE)
De Smet Engineers & Contractors S.A., (BELGIUM)
De Smet Espana S.A., (SPAIN)
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PT Duta Semesta Mukti, (INDONESIA)
EMI Corporation, (U.S.A.)
Engelmann & Buckham Machinery Ltd., (ENGLAND)
Equipro Industrial Company Inc., (PHILIPPINES)
Extraction De Smet S.A., (COLOMBIA)
Len E. Ivarson, Inc., (U.S.A.)
Macoex-Masiero Commercial Export Ltd., (BRAZIL)
Masiero Industrial S.A., (BRAZIL)
Miura Engineering Company, Ltd., (JAPAN)
National Forge Company, (U.S.A.)
Oil & Fat Consulting, (BELGIUM)
Pitt-Des Moines, Inc., (U.S.A.)
Pro-Fab, Inc., (U.S.A.)
Process Systems, Inc. (PSI), (U.S.A.)
R & D Equipment Sales Company, (U.S.A.)
Samudio & Asociados Ltda, (COLOMBIA)
Schoeller-Bleckmann G.m.b.H., (AUSTRIA)
Johannes Schuback & Sohne, (GERMANY)
Step Ltd. STI, (TURKEY)

▼ FREIGHT LINE, BARGE

American Commercial Barge Line Company, (U.S.A.)
Consolidated Grain and Barge Company, (U.S.A.)
CSX Transportation, (U.S.A.)
Lockhart Grain & Fertilizer Company, Inc., (U.S.A.)
Midland Enterprises, Inc., (U.S.A.)
The Ohio River Company & Orgulf Transport Co., (U.S.A.)
Port of Houston Authority, (U.S.A.)

▼ FREIGHT LINE, OCEAN

Hudson Tank Terminals Corporation, (U.S.A.) ....P. 241
Alabama State Docks Public Grain Export Elevator, (U.S.A.)
Arista Industries, Inc., (U.S.A.)
Central Soya Overseas B.V., Chemurgy Div., (NETHERLANDS)
Country Grown Foods, (U.S.A.)
CSX Transportation, (U.S.A.)
Graan Elevator Maatschappy (G.E.M.) B.V., (NETHERLANDS)
Houston Tank Storage Company, (U.S.A.)
International Proteins Corporation, (U.S.A.)
Mercantile Food Company, (U.S.A.)
Mills Brothers International, Inc., (U.S.A.)
Norfolk Oil Transit, Inc., (U.S.A.)
Port of Houston Authority, (U.S.A.)
Ruari International Trading Corp. LTD, (GREECE)
Schokhi Industrials Pvt. Ltd., (INDIA)
Seaboard Trading Limited, (U.S.A.)
A. R. Smith & Company, Inc., (U.S.A.)

▼ FREIGHT LINE, RAILROAD COMPANY

Chicago & North Western Transportation Company, (U.S.A.)
Consolidated Rail Corporation (CONRAIL), (U.S.A.)
CSX Transportation, (U.S.A.)
Grand Trunk Western Railroad Company, (U.S.A.)
Kansas City Southern Lines, (U.S.A.)
Norfolk Southern Corporation, (U.S.A.)
Union Pacific Railroad, (U.S.A.)

▼ FREIGHT LINE, TRUCKING

Agmet Metals, Inc., (U.S.A.)
Arista Industries, Inc., (U.S.A.)
Country Grown Foods, (U.S.A.)
CSX Transportation, (U.S.A.)
Mercantile Food Company, (U.S.A.)
A. R. Smith & Company, Inc., (U.S.A.)
Western-Commercial Transport, Inc., (U.S.A.)

▼ FUMIGANTS

Europa Crown LTD., (ENGLAND) ....P. 2
Engelhard Corporation, (U.S.A.)
FMC Corporation, (U.S.A.)

▼ GRAIN ANALYZERS

Europa Crown LTD., (ENGLAND) ....P. 2
C. W. Brabender Instruments, Inc., (U.S.A.)
Brinkmann Instruments, Inc., (U.S.A.)
Bruker Spectrospin Canada Ltd., (CANADA)
Cereol Iberica, S.A. , (SPAIN)
Cimbria Unigrain Ltd. A/S, (DENMARK)
DICKEY-john Corporation, (U.S.A.)
J. R. Dykes Sales & Service, Inc., (U.S.A.)
Neogen Corporation, (U.S.A.)
Perstorp Analytical, Inc., (U.S.A.)
Perten Instruments North America, (U.S.A.)
Seedburo Equipment Company, (U.S.A.)
Sinar Technology, (ENGLAND)
Sortex Ltd., (ENGLAND)
UDY Corporation, (U.S.A.)
Waters Chromatography Division, (U.S.A.)

▼ GRAIN CLEANERS
(See COMMERCIAL GRAIN CLEANERS)

▼ GRAIN DRYERS
(See DRYERS, GRAIN)

▼ HAMMERMILLS

Bean Machines, Inc., (U.S.A.) ....P. 137 & 145
Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
Continental Agra Grain Equipment, Inc., (U.S.A.)
FEECO International, Inc., (U.S.A.)
Micron Powder Systems, (U.S.A.)
Perten Instruments North America, (U.S.A.)
R & D Equipment Sales Company, (U.S.A.)
Roskamp Champion, (U.S.A.)
Johannes Schuback & Sohne, (GERMANY)
Spads Biotechnica (P) Ltd., (INDIA)
Taylor-Stiles Division, J. H. Day Company, (U.S.A.)

▼ HEAT EXCHANGERS

Alfa-Laval Beverage Systems A.B., (SWEDEN) ....P. 131
Alfa-Laval South East Asia Pte. Ltd., (SINGAPORE) ....P. 131
Bean Machines, Inc., (U.S.A.) ....P. 137 & 145
Crown Iron Works Company, (U.S.A.) ....P. 2
Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
S. A. Fractionnement Tirtiaux, (BELGIUM) ....P. 125
Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127
Alfa-Laval Equipamentos Ltda., (BRAZIL)
Alfa-Laval Fats & Oil Systems AB, (SWEDEN)
Andreotti Impianti S.p.A., (ITALY)
APV Crepaco, Inc., (U.S.A.)
BAR N.A., Inc., (U.S.A.)
CAMECO Industries, Honiron Division, (U.S.A.)
Cereol Iberica, S.A. , (SPAIN)
Cherry-Burrell, Process Equipment Div., (U.S.A.)
Costruzioni Meccaniche Bernardini S.p.A., (ITALY)
Cottor International, (INDIA)
De Smet Chemfood Engineering Pvt. Ltd., (INDIA)
De Smet Do Brasil S.A., (BRAZIL)
De Smet (Engineering) S.E. Asia Pte. Ltd., (SINGAPORE)
De Smet Engineers & Contractors S.A., (BELGIUM)
De Smet Espana S.A., (SPAIN)
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De Smet Process & Technology, Inc., (U.S.A.)
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Gillain & Co. N.V., (BELGIUM)
Industrial Filter & Pump Manufacturing Company, (U.S.A.)
International Reserve Equipment Corp., (U.S.A.)
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Mannesmann Comercial S/A, (BRAZIL)
Masiero Industrial S.A., (BRAZIL)
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Schroeder, Inc., (U.S.A.)
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Superior Welding Company, (U.S.A.)
AB Svegma, (SWEDEN)
Tecnintegral Ltda., (COLOMBIA)
Votator, Cherry Burrell Process Eq. Div., (U.S.A.)
Walker Stainless Equipment Company, Inc., (U.S.A.)
Walter Maschinebau GmbH, (GERMANY)

▼ HYDRAULIC PRESSES

(See PRESSES, HYDRAULIC)

▼ HYDROGEN GENERATION EQUIPMENT

Damman-Croes S.A., (BELGIUM) .... P. 109
Europa Crown LTD., (ENGLAND) .... P. 2
Alfa-Laval Fats & Oil Systems AB, (SWEDEN)
Costruzioni Meccaniche Bernardini S.p.A., (ITALY)
Cottor International, (INDIA)
Davy Bamag GmbH, (GERMANY)
Do-Well Oil Plants Pvt. Ltd., (INDIA)
Haldor Topsøe A/S, (DENMARK)
Lurgi Gas und Mineraloltechnik GmbH, (GERMANY)
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Johannes Schuback & Sohne, (GERMANY)
Tecnintegral Ltda., (COLOMBIA)

▼ HYDROGENATION CATALYSTS

(See CATALYSTS, HYDROGENATION)

▼ HYDROGENATION EQUIPMENT

Campro Agra Limited, (CANADA) .... P. 115
Crown Iron Works Company, (U.S.A.) .... P. 2
Europa Crown LTD., (ENGLAND) .... P. 2
N.V. Extraction De Smet S.A., (BELGIUM) .... P. 8
S. A. Fractionnement Tirtiaux, (BELGIUM) .... P. 125
Krupp Maschinentechnik GmbH, (GERMANY) .... P. 127
Wurster & Sanger, Inc., (U.S.A.) .... P. 2
Alfa-Laval Equipamentos Ltda., (BRAZIL)
Alfa-Laval Fats & Oil Systems AB, (SWEDEN)
Andreotti Impianti S.p.A., (ITALY)
Costruzioni Meccaniche Bernardini S.p.A., (ITALY)
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De Smet (Malaysia) Sdn. Bhd., (MALAYSIA)
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Johnson-Loft Engineers, Inc., (U.S.A.)
Franz Kirchfeld GmbH & Company KG, (GERMANY)
Liquid Filtration Consultants (LFC), (NETHERLANDS)
Lurgi Gas und Mineraloltechnik GmbH, (GERMANY)
Miura Engineering Company, Ltd., (JAPAN)
Oil & Fat Consulting, (BELGIUM)
Plant Maintenance Service Corporation, (U.S.A.)
Pro-Fab, Inc., (U.S.A.)
Process Systems, Inc (PSI), (U.S.A.)
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Samudio & Asociados Ltda, (COLOMBIA)
Johannes Schuback & Sohne, (GERMANY)
Step Ltd. STI, (TURKEY)
Tecnintegral Ltda., (COLOMBIA)
Votator, Cherry Burrell Process Eq. Div., (U.S.A.)

▼ IMPORTER OF SOYBEANS & SOYBEAN PRODUCTS

(See PAGE 26)

▼ INDUSTRIAL PROCESS CONSULTANT

(See CONSULTANTS, INDUSTRIAL PROCESSES)

▼ INFORMATION SERVICES

(See NEWS WIRES, COMMODITY; PUBLICATIONS/ INFORMATIONAL SERVICES)

▼ INSPECTION SERVICES

Europa Crown LTD., (ENGLAND) .... P. 2
N.V. Extraction De Smet S.A., (BELGIUM) .... P. 8
Illinois Crop Improvement Association (U.S.A.) .... P. 21
Indiana Crop Improvement Association (U.S.A.) .... P. 104
Krupp Maschinentechnik GmbH, (GERMANY) .... P. 127
A.G.M.E. International Enterprise Corp., (U.S.A.)
Charles V. Bacon, Inc., (U.S.A.)
Caleb Brett Nederland B.V., (NETHERLANDS)
Caleb Brett U.S.A., Inc., (U.S.A.)
The Core Team, (U.S.A.)
Cottor International, (INDIA)
Curtis & Tompkins Laboratories, (U.S.A.)
De Smet Chemfood Engineering Pvt. Ltd., (INDIA)
De Smet Do Brasil S.A., (BRAZIL)
De Smet (Engineering) S.E. Asia Pte. Ltd., (SINGAPORE)
De Smet Engineers & Contractors S.A., (BELGIUM)
De Smet Espana S.A., (SPAIN)
De Smet (Malaysia) Sdn. Bhd., (MALAYSIA)
De Smet Mexico S.A. de C.V., (MEXICO)
De Smet S.A.I.C., (ARGENTINA)
Davy Dravo, (U.S.A.)
PT Duta Semesta Mukti, (INDONESIA)
Equipro Industrial Company Inc., (PHILIPPINES)
Extraction De Smet S.A., (COLOMBIA)
Food Industry Research & Development Institute, (TAIWAN)
Frain Industries, Inc., (U.S.A.)
General Electric Company, (U.S.A.)
Industrial Erectors, Inc., (U.S.A.)
Inspection Services International, (AUSTRIA)
Mid Continent Laboratories, Inc., (U.S.A.)
Nippon Yuryo Kentei Kyokai, (JAPAN)

Continuous bleaching plant ►

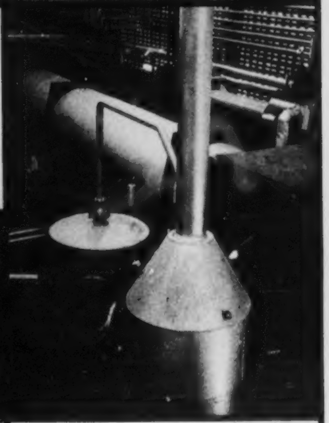
▲ Process control room

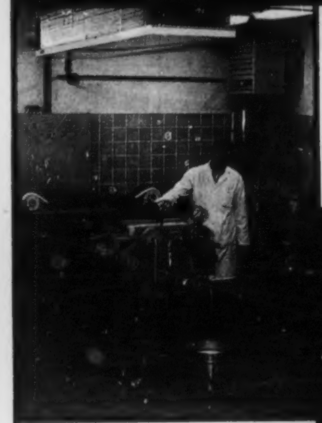
Mobile pilot plant ▼

▲ Crystallization service module

▲ Florentine filters

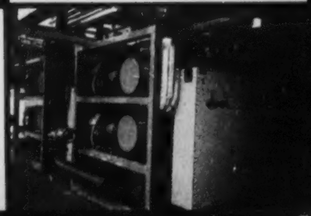
Physical refining plant ►





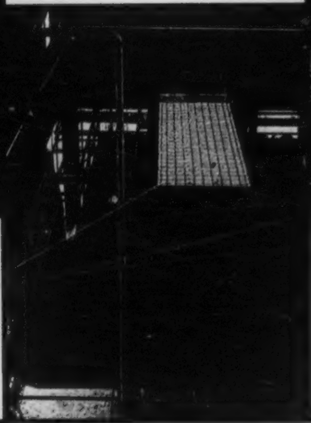
▲ Refining service module

Chilling system ►



◄ Plasma welding at Tirtiaux's

Deodorizer ▼



▲ Tirtiaux pilot plant

Membrane filter ►

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▲ Tirtiaux research laboratory

Refining control panel ►

Representatives :

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Malaysia : Matrix Sdn Bhd Telex 36589
Thailand : Rieckermann (Th) Co., Ltd. Telex 82619
New Zealand : Niro Atomizer (NZ) Ltd. Telex 2864
South & Central America : S.I.A. Ltda Colombia Telex 5872

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RBD Technologies, (U.S.A.)
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SERVCO S.p.A., (ITALY)
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Simons-Eastern Consultants Inc., (U.S.A.)
Skandinavisk Levnedsmiddel Rådgivning A/S, (DENMARK)
Step Ltd. STI, (TURKEY)
Tecnintegral Ltda., (COLOMBIA)
Thionville Laboratories, Inc., (U.S.A.)
Joel Wollner & Associates, (U.S.A.)

▼ INSTRUMENTS, INSTRUMENT SYSTEMS

(See CONTROL INSTRUMENTS; AUTOMATIC SAMPLERS; FLOW MEASUREMENT; GRAIN ANALYZERS; MATERIAL LEVEL CONTROLS; MOISTURE TESTERS; QUALITY CONTROL/METAL DETECTION; TEMPERATURE MONITORS; WARNING SYSTEMS)

▼ LIQUID AGITATORS

(See AGITATORS, LIQUID)

▼ LOADING & UNLOADING EQUIPMENT, BARGE

Buhler Inc., (U.S.A.) ....P. 100
Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
Laidig Industrial Systems, (U.S.A.) ....P. 147
Agra Erectors, Inc., (U.S.A.)
Carl G. Brimmekamp & Company, Inc., (U.S.A.)
Carter Manufacturing Company, Inc., (U.S.A.)
Codema, Inc., (U.S.A.)
Continental Agra Grain Equipment, Inc., (U.S.A.)
Dabney-Hoover Supply Company, Inc., (U.S.A.)
Down River International, Inc., Transit Protection Division, (U.S.A.)
Davy Dravo, (U.S.A.)
FEECO International, Inc., (U.S.A.)
General Resource Corp., (U.S.A.)
H & S Systems of Decatur, Inc., (U.S.A.)
The Hance Corporation, (U.S.A.)
Martin Sprocket & Gear, Inc., (U.S.A.)
Mercer Engineers, Inc., (U.S.A.)
The Nay Company, (U.S.A.)
Neuero Corporation, (U.S.A.)
P.A.T.M. Company, (U.S.A.)
The Rapat Corporation, (U.S.A.)
Schlagel, Inc., (U.S.A.)
Stout Industrial, (U.S.A.)
Van Sickle, Allen & Associates, Inc., (U.S.A.)

▼ LOADING & UNLOADING EQUIPMENT, RAILROAD

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Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
Laidig Industrial Systems, (U.S.A.) ....P. 147
Abel Manufacturing Company, Inc., (U.S.A.)
Agra Erectors, Inc., (U.S.A.)
Andritz Spout Bauer, Inc., (U.S.A.)
Behlen Mfg. Co., (U.S.A.)
Carter Manufacturing Company, Inc., (U.S.A.)
Chronos Richardson, Inc., (U.S.A.)
Codema, Inc., (U.S.A.)
Continental Agra Grain Equipment, Inc., (U.S.A.)
Dabney-Hoover Supply Company, Inc., (U.S.A.)
Down River International, Inc., Transit Protection Division, (U.S.A.)
Dynequip, Inc., (U.S.A.)
FEECO International, Inc., (U.S.A.)
General Resource Corp., (U.S.A.)
A. Gusmer, Inc., (U.S.A.)
H & S Systems of Decatur, Inc., (U.S.A.)
The Hance Corporation, (U.S.A.)
Kansas City Southern Lines, (U.S.A.)
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Neuero Corporation, (U.S.A.)
The Nolan Company, (U.S.A.)
The Rapat Corporation, (U.S.A.)
Schlagel, Inc., (U.S.A.)
Stout Industrial, (U.S.A.)
Van Sickle, Allen & Associates, Inc., (U.S.A.)

▼ LOADING & UNLOADING EQUIPMENT, SHIP

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Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
Laidig Industrial Systems, (U.S.A.) ....P. 147
Agra Erectors, Inc., (U.S.A.)
Carl G. Brimmekamp & Company, Inc., (U.S.A.)
Carter Manufacturing Company, Inc., (U.S.A.)
Codema, Inc., (U.S.A.)
Davy Dravo, (U.S.A.)
FEECO International, Inc., (U.S.A.)
General Resource Corp., (U.S.A.)
The Hance Corporation, (U.S.A.)
Martin Sprocket & Gear, Inc., (U.S.A.)
Mercer Engineers, Inc., (U.S.A.)
Neuero Corporation, (U.S.A.)
P.A.T.M. Company, (U.S.A.)
The Rapat Corporation, (U.S.A.)
Schlagel, Inc., (U.S.A.)
Stout Industrial, (U.S.A.)
Van Sickle, Allen & Associates, Inc., (U.S.A.)

▼ LOADING & UNLOADING EQUIPMENT, TRUCK

Buhler Inc., (U.S.A.) ....P. 100
Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
Laidig Industrial Systems, (U.S.A.) ....P. 147
Abel Manufacturing Company, Inc., (U.S.A.)
Agra Erectors, Inc., (U.S.A.)
Behlen Mfg. Co., (U.S.A.)
Carter Manufacturing Company, Inc., (U.S.A.)
Chronos Richardson, Inc., (U.S.A.)
Codema, Inc., (U.S.A.)
Continental Agra Grain Equipment, Inc., (U.S.A.)
Dabney-Hoover Supply Company, Inc., (U.S.A.)
Down River International, Inc., Transit Protection Division, (U.S.A.)
Dynequip, Inc., (U.S.A.)
FEECO International, Inc., (U.S.A.)
General Resource Corp., (U.S.A.)
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H & S Systems of Decatur, Inc., (U.S.A.)
The Hance Corporation, (U.S.A.)
Martin Sprocket & Gear, Inc., (U.S.A.)
Mercer Engineers, Inc., (U.S.A.)
The Nay Company, (U.S.A.)
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The Rapat Corporation, (U.S.A.)
Schlagel, Inc., (U.S.A.)
Screw Conveyor Corporation, (U.S.A.)
Stout Industrial, (U.S.A.)
Van Sickle, Allen & Associates, Inc., (U.S.A.)

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Europa Crown LTD., (ENGLAND) ....P. 2
Wurster & Sanger, Inc., (U.S.A.) ....P. 2
Alfa-Laval Equipamentos Ltda., (BRAZIL)
Andreotti Impianti S.p.A., (ITALY)
APV Crepaco, Inc., (U.S.A.)
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Costruzioni Meccaniche Bernardini S.p.A., (ITALY)
De Smet Process & Technology, Inc., (U.S.A.)
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EMI Corporation, (U.S.A.)
Engelmann & Buckham Machinery Ltd., (ENGLAND)
Gerstenberg & Agger A.S., (DENMARK)
Len E. Ivarson, Inc., (U.S.A.)
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Miura Engineering Company, Ltd., (JAPAN)
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▷ Especially cost effective operation through integrated heat recovery of more than 80 percent.

▷ Simple change of products, an advantage typical of semicontinuous process control, is made possible for Krupp Cross Flow Continuous Deodorizing by automatic product changing. The advantages of continuous processing – low steam consumption and efficient heat recovery – are maintained.

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(See SOYFOODS PACKAGING EQUIPMENT & SUPPLIES)

▼ MARKETING CONSULTANT
(See CONSULTANTS, MARKETING)

▼ MATERIAL LEVEL CONTROLS

Europa Crown LTD., (ENGLAND) ....P. 2
ASI Instruments, Inc., (U.S.A.)
Bindicator, (U.S.A.)
Bruker Spectrospin Canada Ltd., (CANADA)
Carter Manufacturing Company, Inc., (U.S.A.)
Cimbria Unigrain Ltd. A/S, (DENMARK)
CP Instrument Company Ltd., (ENGLAND)
Dabney-Hoover Supply Company, Inc., (U.S.A.)
J. R. Dykes Sales & Service, Inc., (U.S.A.)
Dynequip, Inc., (U.S.A.)
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Four-B Elevator Components Ltd., (U.S.A.)
General Electric Company, (U.S.A.)
Goodwin Engineering & Trading, Inc., (TAIWAN)
Lakeland Engineering Equipment Company, (U.S.A.)
Milltronics, Inc., (U.S.A.)
P.A.T.M. Company, (U.S.A.)
Seedburo Equipment Company, (U.S.A.)
Slidell, Inc., (U.S.A.)
Walter Maschinebau GmbH, (GERMANY)
Westinghouse Electric Corporation, (U.S.A.)

▼ MEAL DRYERS
(See DRYERS, MEAL)

▼ METAL DETECTION
(See QUALITY CONTROL/ METAL DETECTION)

▼ MILLING EQUIPMENT SUPPLIES, SPARE PARTS & REPAIR

Bean Machines, Inc., (U.S.A.) ....P. 137 & 145
Buhler Inc., (U.S.A.) ....P. 100
Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
The French Oil Mill Machinery Company, (U.S.A.) ....P. 121
Metal Products International, Inc., (U.S.A.) ....P. 123
Prater Industries, Inc., (U.S.A.) ....P. 129
H. R. Williams Mill Supply Company, (U.S.A.) ....P. 135
Andritz Spout Bauer, Inc., (U.S.A.)
APM Technology Inc., (U.S.A.)
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Quadro, Inc., (U.S.A.)
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Step Ltd. STI, (TURKEY)
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Walter Maschinebau GmbH, (GERMANY)
Wasches Machine Shop, Inc., (U.S.A.)

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Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
Prater Industries, Inc., (U.S.A.) ....P. 129
Agra Erectors, Inc., (U.S.A.)
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De Smet S.A.I.C., (ARGENTINA)
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Dynequip, Inc., (U.S.A.)
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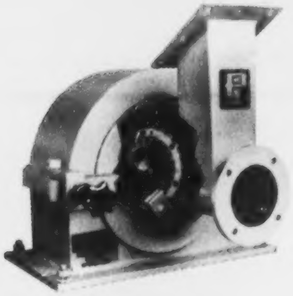
Heavy duty soybean processing equipment that continues to build our reputation for years of round-the-clock production reliability.



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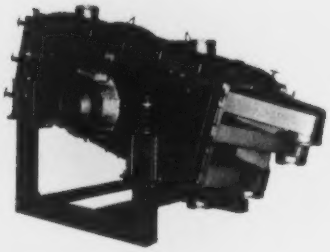
Fine grinds soybean, white flakes, high protein concentrate and isolates down to low micron sizes. Separate or attached air classifiers also available.



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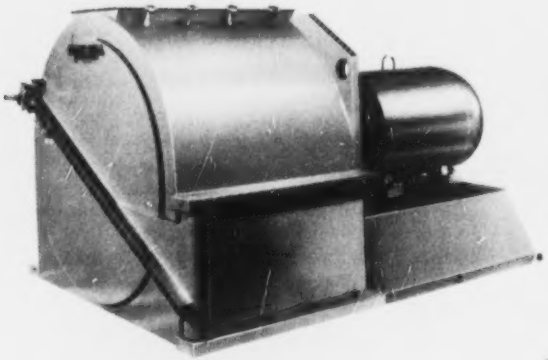
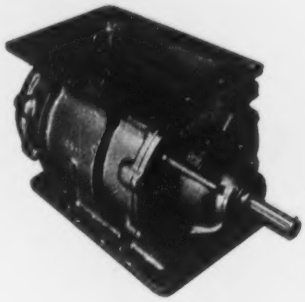
One, two or three decks for bean cleaning, dehulling and meal screening.



PRATER® MEGA MILL
The future of hammermilling is here today. Energy efficient, smoother running, cleaner to operate, quieter and easier to service than conventional hammermills! Shorter shaft and bearing arrangement means less wear and vibration. Savings from dramatically reduced downtime, maintenance and power requirements pay for the unit in a short time. Meets a variety of applications. Full Screen® and Dual Screen® Hammermills are also available for customers who need conventional hammermills.



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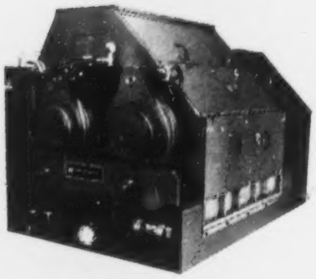
Prater Airlocks are designed with the maintenance man in mind. Over 25,000 have been sold for bulk feeding and dust collector use.



FLAKER MILLS
For high capacity flaking of soybeans, rapeseed, cottonseed, sunflower seed and other oilseeds.

Oilseed processing is a Prater specialty. A pioneer in the industry, there is Prater equipment in almost every oilseed plant in the United States, Canada and many other countries. That's because Prater builds a wide range of processing equipment that can be tailored to your specific application needs and meet your high capacity requirements. Most importantly—we build processing equipment to last.

Call or write us for further information and free literature.

A U.S. owned and operated company specializing in size reduction, metering and separation, agglomeration and computerized controls for over 60 years.

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Cereol Iberica, S.A. , (SPAIN)
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Sinar Technology, (ENGLAND)

▼ NEWS WIRES, COMMODITY

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Cargill Investor Services, (U.S.A.)
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▼ OCEAN FREIGHT LINE

(See FREIGHT LINE, OCEAN)

▼ OCEAN PORT TERMINAL

(See TERMINAL, OCEAN PORT)

▼ OIL DRYERS

(See DRYERS, OIL)

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VAREX Corporation, (U.S.A.)
Waters Chromatography Division, (U.S.A.)

▼ ORGANICALLY GROWN SOYBEANS

(See PAGE 42)

▼ PACKAGING EQUIPMENT & SUPPLIES

(See SOYFOODS PACKAGING EQUIPMENT & SUPPLIES)

▼ PELLETING EQUIPMENT

Buhler Inc., (U.S.A.) .... P. 100
Damman-Croes S.A., (BELGIUM) .... P. 109
Europa Crown LTD., (ENGLAND) .... P. 2
N.V. Extraction De Smet S.A., (BELGIUM) .... P. 8
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Sprout-Bauer, Inc., (U.S.A.)
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▼ PHYSICAL REFINING/ NEUTRALIZATION EQUIPMENT

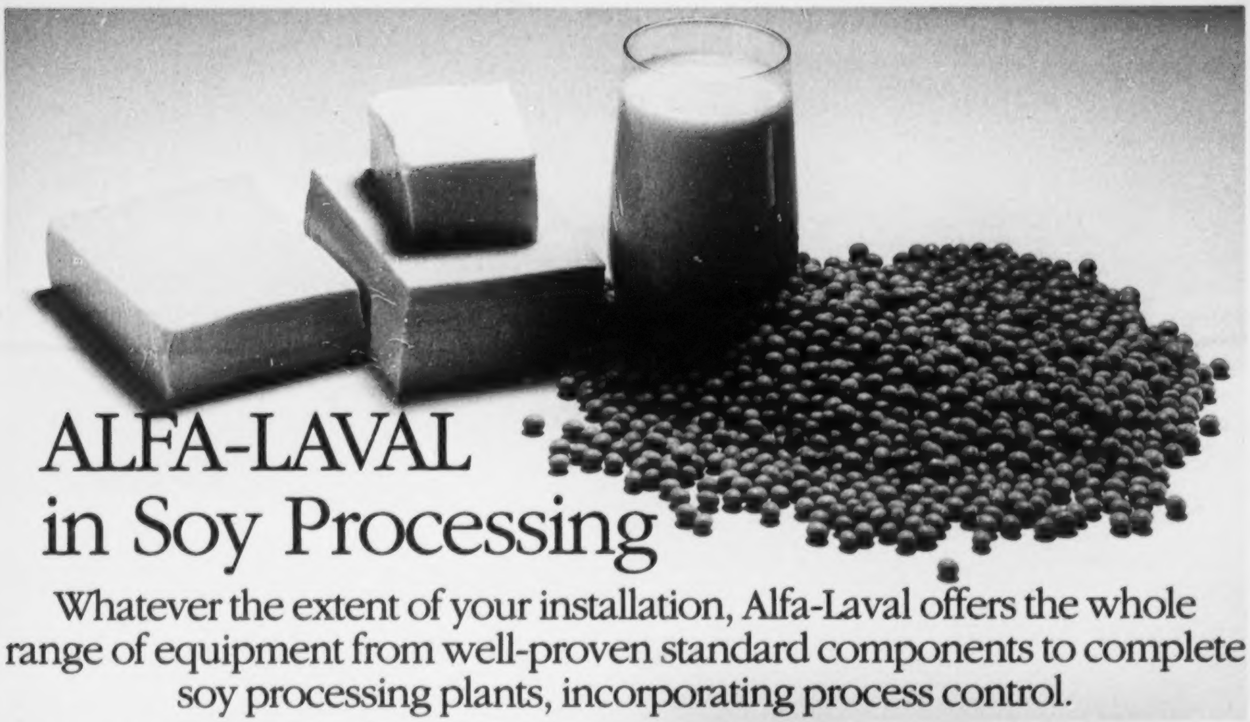
(See REFINING/ NEUTRALIZATION EQUIPMENT, PHYSICAL)

▼ PLANT CONSTRUCTION

(See CONSTRUCTION CONTRACTORS, COMPLETE PLANTS; CONSTRUCTION CONTRACTORS, PROTEIN PLANTS)

▼ PRESSES, CONTINUOUS SCREW

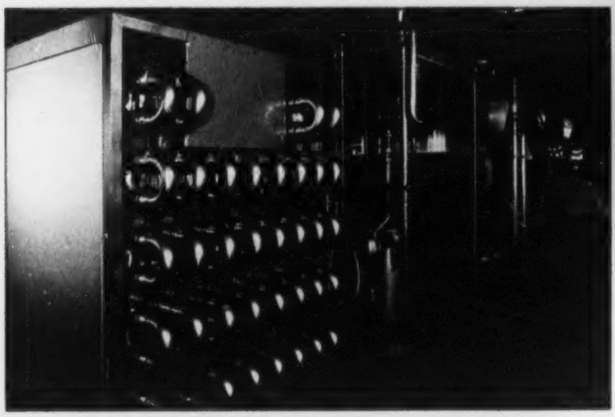
Anderson International Corp., (U.S.A.) .... P. 9 & 144
Damman-Croes S.A., (BELGIUM) .... P. 109
Europa Crown LTD., (ENGLAND) .... P. 2
N.V. Extraction De Smet S.A., (BELGIUM) .... P. 8
The French Oil Mill Machinery Company, (U.S.A.) .... P. 121
Krupp Maschinentechnik GmbH, (GERMANY) .... P. 127
BAR N.A., Inc., (U.S.A.)
BEPEX, (U.S.A.)
W. C. Cantrell Company, (U.S.A.)
Cottor International, (INDIA)

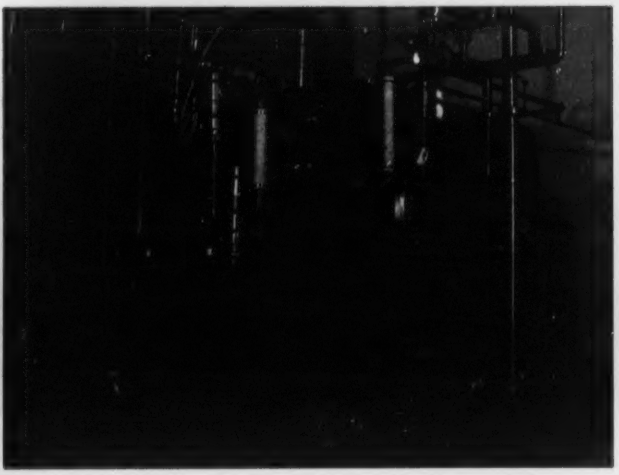


ALFA-LAVAL in Soy Processing

Whatever the extent of your installation, Alfa-Laval offers the whole range of equipment from well-proven standard components to complete soy processing plants, incorporating process control.

Modern technology findings are combined in our soybean extraction line SOYAL, which has been optimized to produce soybase or soymilk without beany flavour but retaining high protein content and high nutritional value. SOYAL is a fully continuous system that fulfills all the requirements on an advanced and economic production line.





The soybase can be further processed into soymilk or soydrinks, yoghurt, frozen desserts, tofu, etc. Production lines following the SOYAL can include aseptic processing before packaging. As a pioneer and world leader in aseptic processing technology, Alfa-Laval supplies high-performance plants such as VTIS for direct, and STERITHERM or STERITUBE for indirect UHT treatment. In addition, our competence covers the complete range of reliable key components such as decanter centrifuges for fibre separation.

A large number of plants are producing both soybase and soyfoods on all continents of the world. Our R&D centres offer food processors the opportunity to test new techniques. We have the facilities and process know-how for development of any kind of soy products. Why not get in touch with us?

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FOOD ENGINEERING

Alfa-Laval Food Engineering AB
Box 64, S-221 00 Lund, Sweden. Telephone +46 46 10 50 00, Fax +46 46 11 53 67

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International Reserve Equipment Corp., (U.S.A.)
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Maschinenfabrik Reinartz GmbH & Co. KG, (GERMANY)
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Oil & Fat Consulting, (BELGIUM)
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Walter Maschinebau GmbH, (GERMANY)
Wasches Machine Shop, Inc., (U.S.A.)

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Crown Iron Works Company, (U.S.A.) .... P. 2
Damman-Croes S.A., (BELGIUM) .... P. 109
Europa Crown LTD., (ENGLAND) .... P. 2
N.V. Extraction De Smet S.A., (BELGIUM) .... P. 8
S. A. Fractionnement Tirtiaux, (BELGIUM) .... P. 125
Krupp Maschinentechnik GmbH, (GERMANY) .... P. 127
Alfa-Laval Fats & Oil Systems AB, (SWEDEN)
APM Technology Inc., (U.S.A.)
BAR N.A., Inc., (U.S.A.)
Cereol Iberica, S.A. , (SPAIN)
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Star Systems, Filtration Division, (U.S.A.)
Step Ltd. STI, (TURKEY)
Tecnintegral Ltda., (COLOMBIA)

▼ PRESSES, HYDRAULIC

Damman-Croes S.A., (BELGIUM) .... P. 109
N.V. Extraction De Smet S.A., (BELGIUM) .... P. 8
Cottor International, (INDIA)
De Smet Chemfood Engineering Pvt. Ltd., (INDIA)
De Smet Do Brasil S.A., (BRAZIL)
De Smet (Engineering) S.E. Asia Pte. Ltd., (SINGAPORE)
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Mannesmann Comercial S/A, (BRAZIL)
SERVCO S.p.A., (ITALY)
Step Ltd. STI, (TURKEY)
Ta Ti Hsing Machinery Company, Ltd., (TAIWAN)

▼ PRODUCT DEVELOPMENT

(See CONSULTANTS, PRODUCT DEVELOPMENT)

▼ PROTEIN ANALYZERS

(See OIL/PROTEIN/FIBER ANALYZERS)

▼ PUBLICATIONS/ INFORMATIONAL SERVICES

Illinois Crop Improvement Association (U.S.A.) .... P. 21

Indiana Crop Improvement Association (U.S.A.) .... P. 104

Oil Mill Gazetteer, (U.S.A.) .... P. 133

Soyatech, Inc., (U.S.A.) .... P. 99

Abel, Daft & Earley, (U.S.A.)
Ag Marketing Services, Inc., (U.S.A.)
Richard A. Brock & Associates, (U.S.A.)
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Lipid Technology, (ENGLAND)
Merrill Lynch, (U.S.A.)
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U.S. Department of Agriculture, (U.S.A.)
V. R. B. Enterprises, (U.S.A.)
Vegetarian Times Magazine, (U.S.A.)
World Grain Magazine , (U.S.A.)

▼ PULVERIZING EQUIPMENT

Buhler Inc., (U.S.A.) .... P. 100

Damman-Croes S.A., (BELGIUM) .... P. 109

Europa Crown LTD., (ENGLAND) .... P. 2

N. Hunt Moore & Associates, (U.S.A.) .... P. 119

Prater Industries, Inc., (U.S.A.) .... P. 129

Agra Erectors, Inc., (U.S.A.)
Andritz Spout Bauer, Inc., (U.S.A.)
BAR N.A., Inc., (U.S.A.)
Gebruder Bauermeister & Company, (GERMANY)
BEPEX, (U.S.A.)
J. H. Day Company, (U.S.A.)
Do-Well Oil Plants Pvt. Ltd., (INDIA)
J. R. Dykes Sales & Service, Inc., (U.S.A.)
Dynequip, Inc., (U.S.A.)
R. W. Fasteen Company, (U.S.A.)
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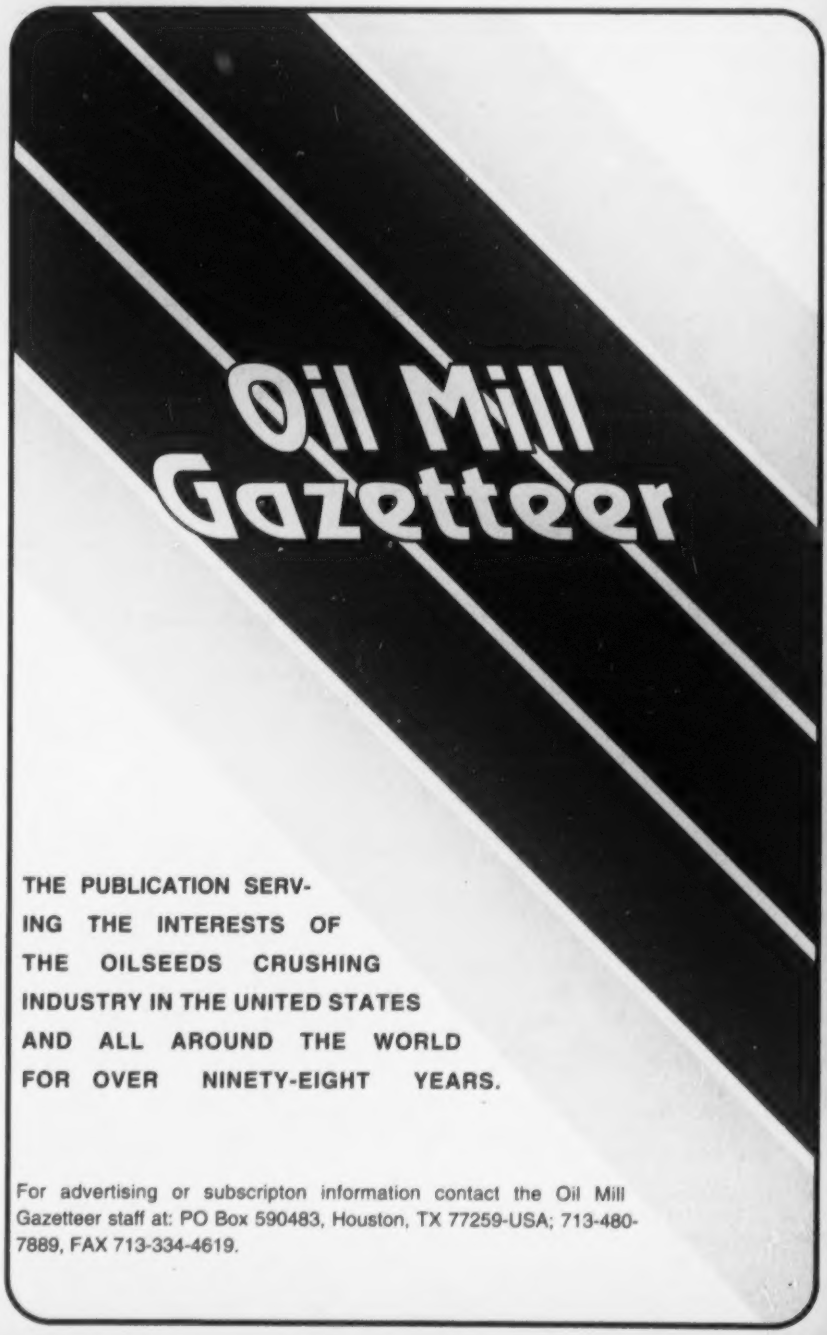

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Urschel Laboratories, Inc., (U.S.A.)
Witt Corrugating, Inc., (U.S.A.)

▼ QUALITY CONTROL/ METAL DETECTION

Europa Crown LTD., (ENGLAND) ....P. 2
Cimbria Unigrain Ltd. A/S, (DENMARK)
J. R. Dykes Sales & Service, Inc., (U.S.A.)
Dynequip, Inc., (U.S.A.)
Frain Industries, Inc., (U.S.A.)
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A. Gusmer, Inc., (U.S.A.)
Oxford Analytical Inc., (U.S.A.)
Seedburo Equipment Company, (U.S.A.)

▼ RAILROAD COMPANY

(See FREIGHT LINE, RAILROAD COMPANY)

▼ RECYCLERS, SPENT CATALYST

(See SPENT CATALYST RECYCLERS)

▼ REFINING/ NEUTRALIZATION EQUIPMENT, CHEMICAL

Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
S. A. Fractionnement Tirtiaux, (BELGIUM) ....P. 125
Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127
AB Pellerin/Zenith, (SWEDEN)
Alfa-Laval Equipamentos Ltda., (BRAZIL)
Andreotti Impianti S.p.A., (ITALY)
Atomergic Chemetals Corporation, (U.S.A.)
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Johannes Schuback & Sohne, (GERMANY)
SKET - Schwermaschinenbau-Kombinat Ernst Thälmann, (GERMANY)
Spads Biotechnica (P) Ltd., (INDIA)
Step Ltd. STI, (TURKEY)
U.S.O.P. Ltd., (HONG KONG)

▼ REFINING/ NEUTRALIZATION EQUIPMENT, PHYSICAL

Campro Agra Limited, (CANADA) ....P. 115
Crown Iron Works Company, (U.S.A.) ....P. 2
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
S. A. Fractionnement Tirtiaux, (BELGIUM) ....P. 125
Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127
Wurster & Sanger, Inc., (U.S.A.) ....P. 2
Alfa-Laval Equipamentos Ltda., (BRAZIL)
Alfa-Laval Fats & Oil Systems AB, (SWEDEN)
Andreotti Impianti S.p.A., (ITALY)
Costruzioni Meccaniche Bernardini S.p.A., (ITALY)
Cottor International, (INDIA)
De Smet Chemfood Engineering Pvt. Ltd., (INDIA)
De Smet Do Brasil S.A., (BRAZIL)
De Smet Egypt, (EGYPT)
De Smet (Engineering) S.E. Asia Pte. Ltd., (SINGAPORE)
De Smet Engineers & Contractors S.A., (BELGIUM)
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De Smet Rosedowns Ltd., (ENGLAND)
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PT Duta Semesta Mukti, (INDONESIA)
EMI Corporation, (U.S.A.)
Equipro Industrial Company Inc., (PHILIPPINES)
Extraction De Smet S.A., (COLOMBIA)
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▼ ROASTERS

(See COOKERS/ EXTRUDERS/ROASTERS)

▼ SAMPLERS, AUTOMATIC

(See AUTOMATIC SAMPLERS)

▼ SANITIZING EQUIPMENT & SUPPLIES

(See CLEANING/SANITIZING EQUIPMENT & SUPPLIES)

▼ SCALES

Buhler Inc., (U.S.A.) ....P. 100
Europa Crown LTD., (ENGLAND) ....P. 2
Prater Industries, Inc., (U.S.A.) ....P. 129
Abel Manufacturing Company, Inc., (U.S.A.)
Agra Erectors, Inc., (U.S.A.)
Cardinal Scale Manufacturing Company, (U.S.A.)
Chronos Richardson, Inc., (U.S.A.)
CP Instrument Company Ltd., (ENGLAND)
J. R. Dykes Sales & Service, Inc., (U.S.A.)
Fairbanks Scales, (U.S.A.)
Frain Industries, Inc., (U.S.A.)
I-Tung Machinery Industry Company, Ltd., (TAIWAN)
Measurement Systems International, (U.S.A.)
Ohaus Corporation, (U.S.A.)
R & D Equipment Sales Company, (U.S.A.)
Reliance Electric Company, (U.S.A.)
Seedburo Equipment Company, (U.S.A.)
Stout Industrial, (U.S.A.)
Van Sickle, Allen & Associates, Inc., (U.S.A.)
Weigh-Tronix, Inc., (U.S.A.)
West Weigh Scale Company, (U.S.A.)

▼ SCREENERS/SCREENING EQUIPMENT

Buhler Inc., (U.S.A.) ....P. 100
Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
The French Oil Mill Machinery Company, (U.S.A.) ....P. 121
N. Hunt Moore & Associates, (U.S.A.) ....P. 119
Prater Industries, Inc., (U.S.A.) ....P. 129
H. R. Williams Mill Supply Company, (U.S.A.) ....P. 135
Adasco, Inc., (U.S.A.)
Andritz Spout Bauer, Inc., (U.S.A.)
APM Technology Inc., (U.S.A.)
BAR N.A., Inc., (U.S.A.)
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Frain Industries, Inc., (U.S.A.)
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Robinson Milling Systems, (U.S.A.)
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Siftex Equipment Company, (U.S.A.)
SKET - Schwermaschinenbau-Kombinat Ernst Thälmann, (GERMANY)
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Step Ltd. STI, (TURKEY)
Sweco, Inc., (U.S.A.)
Tecnintegral Ltda., (COLOMBIA)
Triple/S Dynamics, Inc., (U.S.A.)
Walter Maschinebau GmbH, (GERMANY)

▼ SCREENING EQUIPMENT

(See SCREENERS/ SCREENING EQUIPMENT)

▼ SEPARATORS

(See FAT SPLITTERS/ SEPARATORS)

▼ SHORTENING EQUIPMENT

Europa Crown LTD., (ENGLAND) ....P. 2
Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127
Wurster & Sanger, Inc., (U.S.A.) ....P. 2
Alfa-Laval Equipamentos Ltda., (BRAZIL)
Andreotti Impianti S.p.A., (ITALY)
APV Crepaco, Inc., (U.S.A.)
Cherry-Burrell, Process Equipment Div., (U.S.A.)
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Samudio & Asociados Ltda, (COLOMBIA)
Schroeder, Inc., (U.S.A.)
Tanaco Products, (U.S.A.)
Votator, Cherry Burrell Process Eq. Div., (U.S.A.)

▼ SILO STORAGE

(See ELEVATOR & SILO STORAGE)

▼ SOAPSTOCK EQUIPMENT

Campro Agra Limited, (CANADA) ....P. 115
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127
Wurster & Sanger, Inc., (U.S.A.) ....P. 2

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International Reserve Equipment Corp., (U.S.A.)
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Macoex-Masiero Commercial Export Ltd., (BRAZIL)
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▼ SOLVENT EXTRACTION DISTILLATION EQUIPMENT

Crown Iron Works Company, (U.S.A.) ....P. 2
Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
The French Oil Mill Machinery Company, (U.S.A.) ....P. 121
Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127
N. Hunt Moore & Associates, (U.S.A.) ....P. 119
Andreotti Impianti S.p.A., (ITALY)
APM Technology Inc., (U.S.A.)
APV Crepaco, Inc., (U.S.A.)
Artisan Industries, Inc., (U.S.A.)
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Lurgi Gas und Mineraloltechnik GmbH, (GERMANY)
Macoex-Masiero Commercial Export Ltd., (BRAZIL)
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Micron Powder Systems, (U.S.A.)
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Oil & Fat Consulting, (BELGIUM)
P.A.T.M. Company, (U.S.A.)
Pitt-Des Moines, Inc., (U.S.A.)
Plant Maintenance Service Corporation, (U.S.A.)
R & D Equipment Sales Company, (U.S.A.)
Schoeller-Bleckmann G.m.b.H., (AUSTRIA)
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Tecnintegral Ltda., (COLOMBIA)

▼ SOLVENT EXTRACTION EQUIPMENT

Crown Iron Works Company, (U.S.A.) ....P. 2
Damman-Croes S.A., (BELGIUM) ....P. 109
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
The French Oil Mill Machinery Company, (U.S.A.) ....P. 121
Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127
N. Hunt Moore & Associates, (U.S.A.) ....P. 119
Andreotti Impianti S.p.A., (ITALY)
APV Crepaco, Inc., (U.S.A.)
Artisan Industries, Inc., (U.S.A.)
Bock Engineered Products, Inc., (U.S.A.)
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U.S.O.P. Ltd., (HONG KONG)

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▼ SOLVENTS

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FMC Corporation, Chemical Products Group, (U.S.A.)
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Proin, Inc., (U.S.A.)
Tecnintegral Ltda., (COLOMBIA)
Texaco Chemical Company, (U.S.A.)

▼ SOLVENT VAPOR DETECTION & CONTROL

Crown Iron Works Company, (U.S.A.) ....P. 2

Damman-Croes S.A., (BELGIUM) ....P. 109

Europa Crown LTD., (ENGLAND) ....P. 2

Andreotti Impianti S.p.A., (ITALY)

Costruzioni Meccaniche Bernardini S.p.A., (ITALY)

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SKET - Schwermaschinenbau-Kombinat Ernst Thälmann, (GERMANY)

▼ SOY PROTEIN EQUIPMENT & SUPPLIES

Alfa-Laval Beverage Systems A.B., (SWEDEN) ....P. 131

Alfa-Laval South East Asia Pte. Ltd., (SINGAPORE) ....P. 131

Bean Machines, Inc., (U.S.A.) ....P. 137 & 145

Europa Crown LTD., (ENGLAND) ....P. 2

Alfa-Laval Equipamentos Ltda., (BRAZIL)

APV Crepaco, Inc., (U.S.A.)

BAR N.A., Inc., (U.S.A.)

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Samudio & Asociados Ltda, (COLOMBIA)

Seedburo Equipment Company, (U.S.A.)

SKET - Schwermaschinenbau-Kombinat Ernst Thälmann, (GERMANY)

▼ SOYBEAN BREEDER

(See PAGE 34)

▼ SOYBEAN SEED SUPPLIER

(See PAGE 42)

▼ SOYBEANS

(See PAGE 42)

▼ SOYBEANS, FOOD USE

(See PAGE 42)

▼ SOYBEANS, ORGANICALLY GROWN

(See PAGE 42)

▼ SOYFOODS EQUIPMENT & SUPPLIES

(See SOYMILK & TOFU EQUIPMENT & SUPPLIES)

▼ SOYFOODS PACKAGING EQUIPMENT & SUPPLIES

Bean Machines, Inc., (U.S.A.) ....P. 137 & 145

Kawanishi Shoko Company Ltd., (JAPAN) ....P. 138

Kawanishi Shoko Company, Ltd., (U.S.A.) ....P. 138

Nosawa New York, Inc., (U.S.A.) ....P. 139 & 140

Sato & Company, Ltd., (JAPAN) ....P. 139 & 140

Alfa-Laval Equipamentos Ltda., (BRAZIL)

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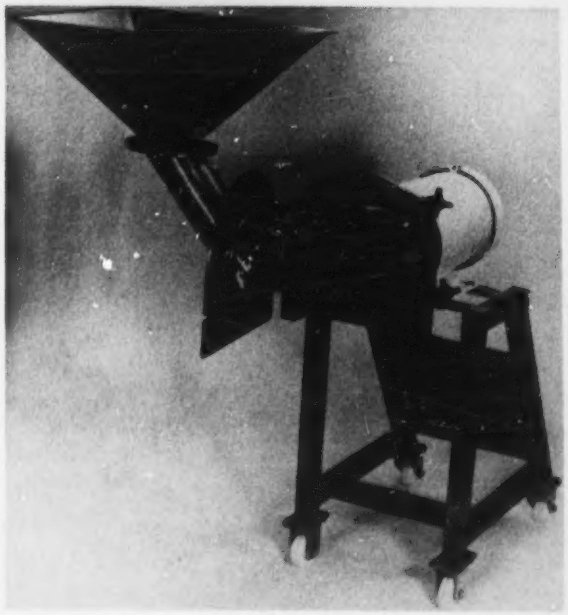

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Complete Company Listings Begin Page 151

Mitoku Company Ltd., (JAPAN)
Nosawa & Company, Ltd., (JAPAN)
Slidell, Inc., (U.S.A.)
Takai Tofu & Soymilk Equipment Company, (JAPAN)

▼ SOYMILK & TOFU EQUIPMENT & SUPPLIES

Alfa-Laval Beverage Systems A.B., (SWEDEN) ....P. 131
Alfa-Laval South East Asia Pte. Ltd., (SINGAPORE) ....P. 131
APV DTD, Soya Technology Division, (DENMARK) ....P. 242
Bean Machines, Inc., (U.S.A.) ....P. 137 & 145
Kawanishi Shoko Company Ltd., (JAPAN) ....P. 138
Kawanishi Shoko Company, Ltd., (U.S.A.) ....P. 138
Mycal Group, Nichii Company of America, Inc., (U.S.A.) ....P. 54
Nosawa New York, Inc., (U.S.A.) ....P. 139 & 149
ProSoya Foods International, Inc., (CANADA) ....P. 140
Sato & Company, Ltd., (JAPAN) ....P. 139 & 149
Alfa-Laval Equipamentos Ltda., (BRAZIL)
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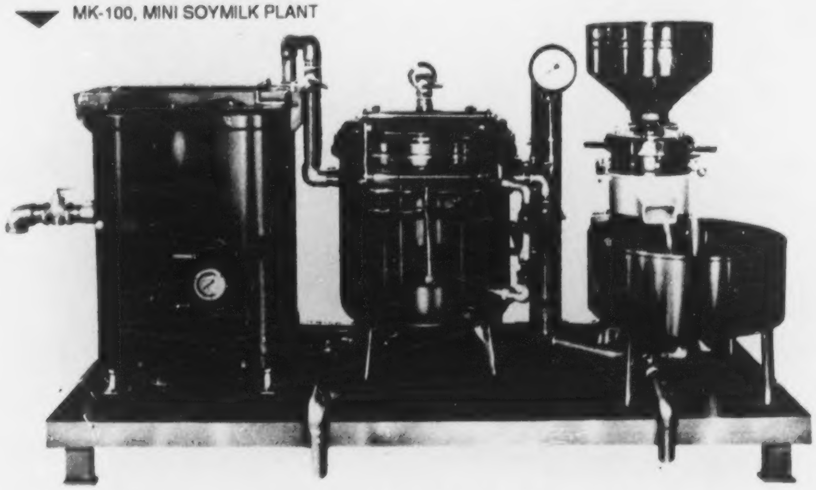

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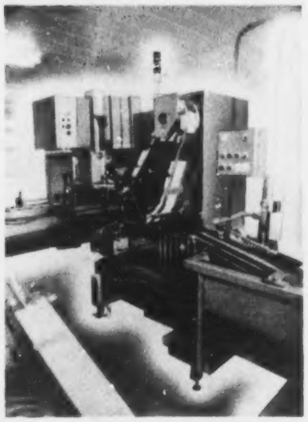
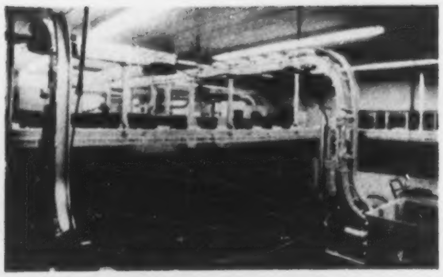

Autopack II - Automatic Cutting & Packaging

- CURDING SYSTEMS
- PRESSING SYSTEMS
- PACKAGING MACHINES
- PASTEURIZING SYSTEMS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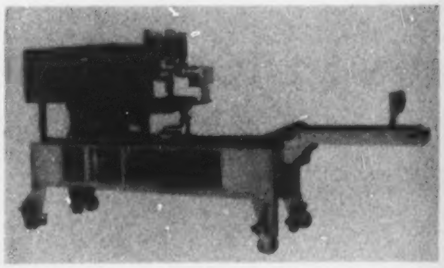
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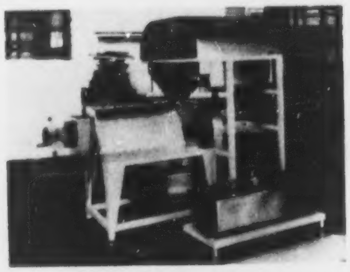
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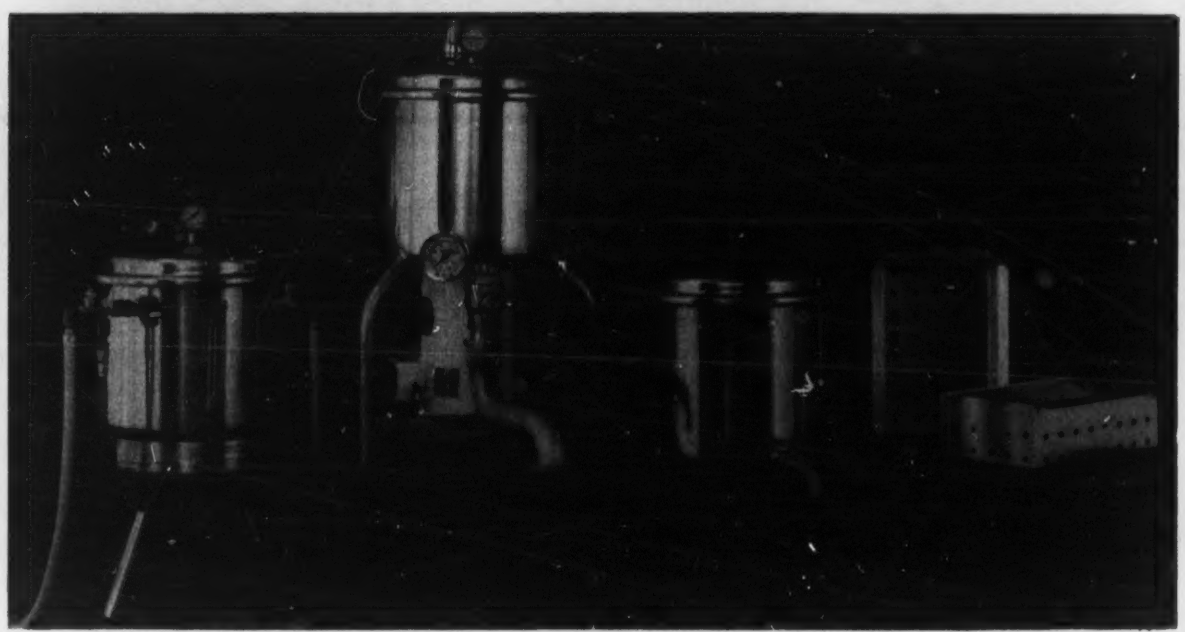

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Ta Ti Hsing Machinery Company, Ltd., (TAIWAN)
Takai Tofu & Soymilk Equipment Company, (JAPAN)

▼ SPENT CATALYST RECYCLERS

Parkans International, Inc., (U.S.A.) ....P. 240
A.G.M.E. International Enterprise Corp., (U.S.A.)
ACI Industries, Ltd., (U.S.A.)
ACI Industries, Ltd., (BELGIUM)
Agmet Metals, Inc., (U.S.A.)
AMLON Metals Inc., (U.S.A.)
CRI-MET, (U.S.A.)

▼ STORAGE EQUIPMENT & SUPPLIES

(See BUILDINGS, FLAT STORAGE; ELEVATOR & SILO STORAGE; FUMIGANTS; TANKS, CRUDE OIL STORAGE)

▼ STORAGE, BULK LIQUID

Hudson Tank Terminals Corporation, (U.S.A.) ....P. 241
Bartlett and Company, (U.S.A.)
Louis Dreyfus Corp., (U.S.A.)
Houston Tank Storage Company, (U.S.A.)
International Proteins Corporation, (U.S.A.)
Norfolk Oil Transit, Inc., (U.S.A.)

▼ SURVEYS

(See WEIGHING SERVICES & SURVEYS)

▼ TANKS, CRUDE OIL STORAGE

Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
S. A. Fractionnement Tirtiaux, (BELGIUM) ....P. 125
Krupp Maschinentechnik GmbH, (GERMANY) ....P. 127
Alfa-Laval Equipamentos Ltda., (BRAZIL)
Cereol Iberica, S.A. , (SPAIN)
Costruzioni Meccaniche Bernardini S.p.A., (ITALY)
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Seedburo Equipment Company, (U.S.A.)
Westinghouse Electric Corporation, (U.S.A.)

▼ TERMINAL, OCEAN PORT

Hudson Tank Terminals Corporation, (U.S.A.) ....P. 241
Alabama State Docks Public Grain Export Elevator, (U.S.A.)
Arista Industries, Inc., (U.S.A.)
Central Soya Overseas B.V., Chemurgy Div., (NETHERLANDS)
Graan Elevator Maatschappy (G.E.M.) B.V., (NETHERLANDS)
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(See COOKERS/ EXTRUDERS/ROASTERS)

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(See SOYMILK & TOFU EQUIPMENT & SUPPLIES)

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(See FREIGHT LINE, BARGE; FREIGHT LINE, OCEAN; FREIGHT LINE, RAILROAD COMPANY; FREIGHT LINE, TRUCKING)

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(See STORAGE, BULK LIQUID; TERMINAL, OCEAN PORT; TERMINAL, U.S. INTERIOR PORT)

▼ WARNING SYSTEMS

Europa Crown LTD., (ENGLAND) ....P. 2
Prater Industries, Inc., (U.S.A.) ....P. 129
Bindicator, (U.S.A.)
Cimbria Unigrain Ltd. A/S, (DENMARK)
J. R. Dykes Sales & Service, Inc., (U.S.A.)
Four-B Elevator Components Ltd., (U.S.A.)
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▼ WASTE WATER TREATMENT EQUIPMENT

APV DTD, Soya Technology Division, (DENMARK) ....P. 242
Europa Crown LTD., (ENGLAND) ....P. 2
N.V. Extraction De Smet S.A., (BELGIUM) ....P. 8
Laidig Industrial Systems, (U.S.A.) ....P. 147
Alfa-Laval Equipamentos Ltda., (BRAZIL)
American Colloid Company, (U.S.A.)
Andritz Spout Bauer, Inc., (U.S.A.)
APM Technology Inc., (U.S.A.)
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Caleb Brett Nederland B.V., (NETHERLANDS)
Caleb Brett U.S.A., Inc., (U.S.A.)
Curtis & Tompkins Laboratories, (U.S.A.)
Fairbanks Scales, (U.S.A.)
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Mid Continent Laboratories, Inc., (U.S.A.)
Nippon Yuryo Kentei Kyokai, (JAPAN)
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Schokhi Industrials Pvt. Ltd., (INDIA)
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- MANUFACTURING & MARKETING SUPPORT SERVICES
- TRANSPORTATION & WAREHOUSING SERVICES
- PUBLICATIONS & INFORMATION SERVICES

CATALOG PAGES

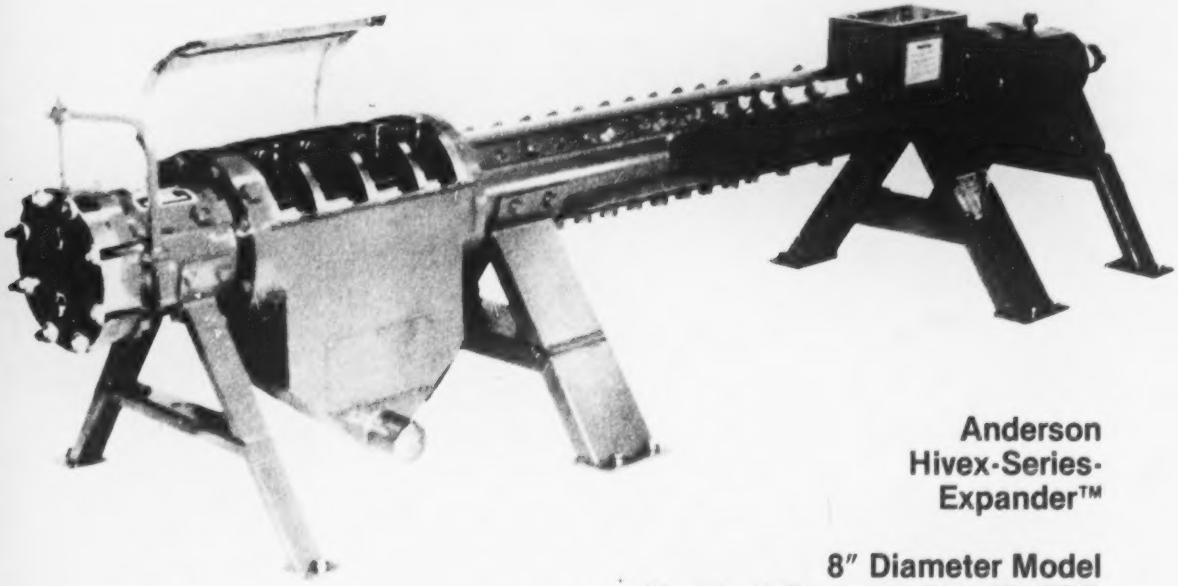
EQUIPMENT OR SUPPLY SPECIFICATION SHEETS

Company Index

Anderson International Corp. . 144
Bean Machines, Inc. 145
W. R. Grace Company 146
Laidig Industrial Systems 147
Oil-Dri Corporation of America 148
Sato & Company, Ltd. 149

BULLETIN AN-88H

ANDERSON INTERNATIONAL



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Patented, Additional Patent Coverage Pending in U.S. and Abroad.

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The Anderson Hivex-Series-Expanders™ are designed to operate in conjunction with oilseed preparatory systems ahead of solvent and full press extraction.

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- Low operating costs — the Hivex™ Expander takes advantage of the highly efficient conversion of electrical energy to mechanical work.
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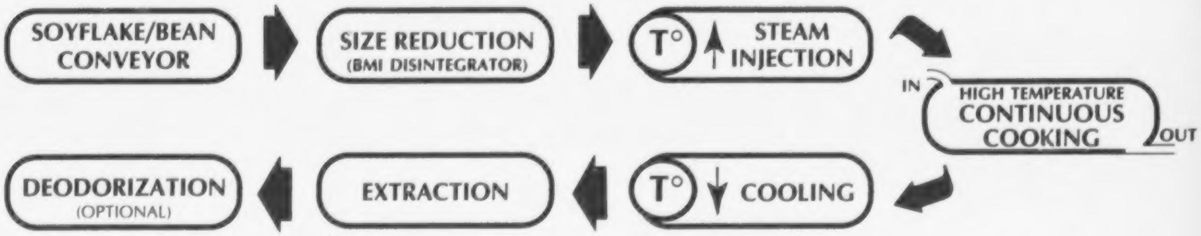
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OUT
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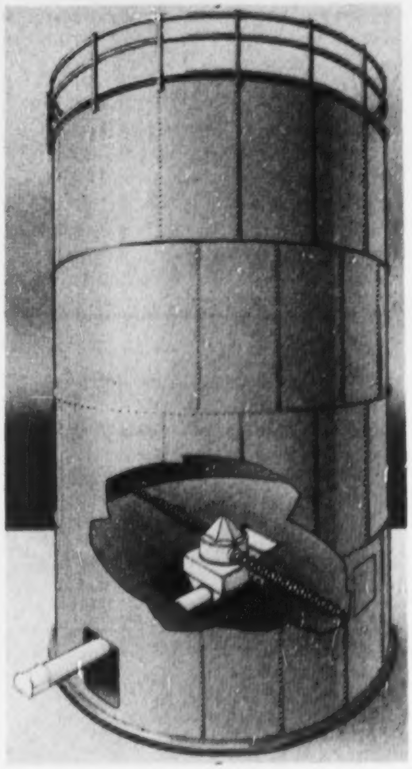

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  - Round Tanks
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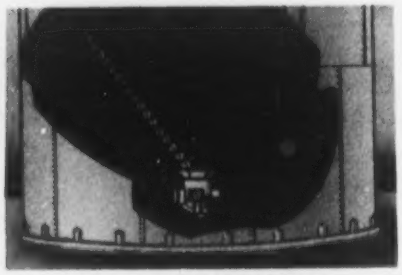

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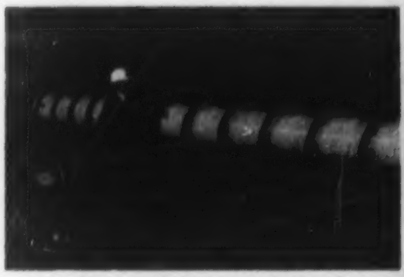
* Heavy Duty Sweep Augers, Not Just A Bin Sweep
* Continuous Flow



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- Perfect sealing is assured by box-motion sealing system with double heat sealers.

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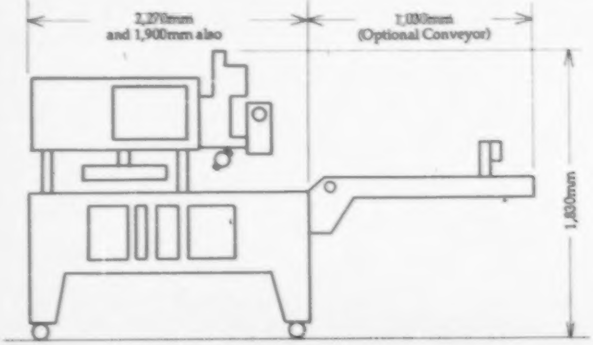
MODEL ST-3000 US "PACK ACE"

For Packaging of

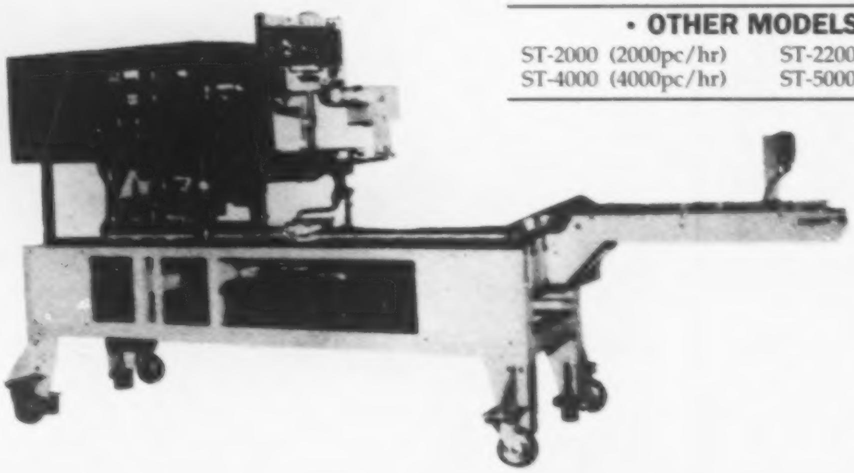
Tofu, Shellfish, Seafood, Cooked Food, Cooking Materials, Desserts, Sprouts, Pet Foods, etc.



- The base and holders for the driving unit are cast together for consistent sealing over a long time.
- Large diameter roller chains are used under sealing positions to withstand the strong sealing pressure.
- A torque-limiter is employed to protect the driving unit from damage when any excess force is applied.
- Designed for safety with plastic covers surrounding sealing unit, sealers always stop at highest point, limit stop switches, etc.

• OTHER MODELS •

ST-2000 (2000pc/hr)
ST-4000 (4000pc/hr)
ST-2200 (2000pc/hr)
ST-5000 (5000pc/hr)



STANDARD SPECIFICATIONS

Sealing system: Box-motion heat sealing with double sealers
Sealing speed: 2,000 - 3,000 packages/hour
Dimensions: Length ....2,270 mm
Width ....700 mm
Height ....1,830 mm
Weight: 900 kg
Electric power: 2.0 KW - 220 V, 3 Phase
Film eye-mark setting: Optical sensor

PACKAGING MATERIALS

Polyethylene, Polypropylene, Polystylene, PVC, Laminated materials with above material, Easy peeling types, etc.

OPTIONAL ACCESORIES

Tray feeders, Tray stockers, Fillers, Date printers, Double film bobbins, Double Sealing Auto-film splicers, Auto-seal starters, etc.

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AOCS MEETINGS CALENDAR

1992

AOCS World Conference and Exhibition on Oilseed Technology and Utilization
Budapest, Hungary
September 13–18, 1992

CSMA/AOCS Detergent Industry Conference
Lake George, New York
September 13–16, 1992

Fundamental Short Course:
Science and Technology of Edible Fats and Oils
Memphis, Tennessee
September 21–22, 1992

Fundamental Short Course:
Edible Fats and Oils Processing
New Orleans, Louisiana
September 23–24, 1992

Frying Fats Short Course
Memphis, Tennessee
October 14–16, 1992

1993

Fundamental Short Course:
Science and Technology of Edible Fats and Oils
Anaheim, California
Pre-Annual Meeting 1993

Fundamental Short Course:
Edible Fats and Oils Processing
Anaheim, California
Pre-Annual Meeting 1993

Specialty Chemicals Short Course
Anaheim, California
Pre-Annual Meeting 1993

Physical Chemistry Short Course
Anaheim, California
Pre-Annual Meeting 1993

84th AOCS Annual Meeting and Expo
Anaheim, California
April 25–29, 1993

3rd World Conference on Detergents
Montreux, Switzerland
September 26–30, 1993

AOCS

For additional information on any of the above meetings, contact the Education/Meetings Department, American Oil Chemists' Society, P.O. Box 3489, Champaign, IL 61826-3489 USA; by phone at (217) 359-2344; or by fax at (217) 351-8091.

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Companies Which Provide:

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- Soybean Processing Equipment & Supplies
- Soyfoods Processing Equipment & Supplies
- Manufacturing & Marketing Support Services
- Transportation & Warehousing Services
- Publications & Information Services

YELLOW PAGES — COMPANIES LISTED BY COUNTRY

Country Index

Argentina 152
Australia 152
Austria 152
Belgium 152
Brazil 153
Canada 153
Colombia 154
Denmark 154
Egypt 155
England 155
Germany 156
Greece 157
Hong Kong 157
Hungary 157
India 157
Indonesia 158
Israel 158
Italy 158
Japan 158
Malaysia 159
Mexico 159
Netherlands 159
Norway 160
Philippines 160
Singapore 160
Spain 160
Sweden 161
Taiwan 161
Turkey 161
United States of America (U.S.A.) 161

★ Updated Listing
★★ New Listing

ARGENTINA

De Smet S.A.I.C. ★

Affiliate of Compagnie Financière De Smet S.A.
Carlos Pellegrini 961, 2ª Piso,
Buenos Aires 1009, ARGENTINA;
PH: 54/1/111-1267; FAX: 54/1/311-8897;
TLX: 22519 (DESMET AR).
OTHER OFFICES: Antwerp (Extraction De Smet S.A.), Hull, (De Smet Rosedowns Ltd.), ENGLAND
CONTACT: Mario Rataus, Mgr.
Soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw, hydraulic; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, caustic/alkali suppliers, physical; soapstock equipment; waste water treatment equipment; analytical laboratories; computer process control, hardware, programming, software; construction contractors, complete plants; contract research (pilot scale); engineering services; inspection services.

AUSTRALIA

Byron Agricultural Company Pty. Ltd.

19A Boundary Street, P.O. Box 520, Kings Cross 2011, N.S.W., AUSTRALIA;
PH: 61/2/361-0671; FAX: 61/2/360-3729.
CONTACT: Dr. David A. Lewis, Man. Dir.
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AUSTRIA

Inspection Services International

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CONTACT: Scott H. Fischer, Exec. V.P.
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Oil Mach. Sales Mgr.
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Overijse 3090, BELGIUM;
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TLX: 20994 (DESMET B).
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CONTACT: G. Demeyer, Mgr.
Soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw, hydraulic; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, caustic/alkali suppliers, physical; soapstock equipment; waste water treatment equipment; analytical laboratories; computer process control, hardware, programming, software; construction contractors, complete plants; contract research (pilot scale); engineering services; inspection services.

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PH: 32/3/449-4240; FAX: 32/3/449-4204;
TLX: 31824 (DESMET B).
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CONTACT: D. Gilliot, Comm. Mgr.
Soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw, hydraulic; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, caustic/alkali suppliers, physical; soapstock equipment; waste water treatment equipment; analytical laboratories; computer process control, hardware, programming, software; construction contractors, complete plants; contract research (pilot scale); engineering services; inspection services.

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S. A. Fractionnement Tirtiaux ★

8 Rue de Fleurjoux, Fleurus 6220, BELGIUM;
PH: 32/71/813787; FAX: 32/71/817024;
TLX: 51338 (FRACTI B).
CONTACT: Alain Tirtiaux, Man. Dir.
Agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; refining/neutralization equipment, chemical, physical.

See Our Advertisement P. 125

Gillain & Co. N.V. ★★

Boomsesteenweg 85, B-2630 Aartselaar,
BELGIUM;
PH: 32/3/8875313; FAX: 32/3/8878983;
TLX: 32-327.
CONTACT: Len Verbeeck
Filter presses; heat exchangers; soyfoods packaging equipment & supplies.

Oil & Fat Consulting
A Division of Tractebel Engineering Int'l.
Arianelaan, 7, Brussels 1200, BELGIUM;
PH: 32/2/773-9511; FAX: 32/2/773-9900;
TLX: 21852 (TRACT B).
CONTACT: Etienne de Boevere, Dir.
Conveyors (drag or en masse); soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; cookers/extruders/roasters; flaking & cracking equipment; presses, continuous screw; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fractionation equipment; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, physical; soapstock equipment; analytical laboratory equipment; waste water treatment equipment; computer process control, hardware, programming, software; construction contractors, complete plants.

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Sao Paulo, SP 04794, BRAZIL;
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FAX: 55/11/523-7024;
CONTACT: Paulo T. de Moraes, Eng. Dep. Mgr.
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Bloco A-9 Andar, Pinheiros,
CEP 01452 São Paulo, BRAZIL;
PH: 55/11/815-6022; FAX: 55/11/815-6462;
TLX: 1183092 (SMET BR).
OTHER OFFICES: Antwerp (Extraction De Smet S.A.), Hull, (De Smet Rosedowns Ltd.), ENGLAND
CONTACT: B. de Fraipont, Mgr.
Soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw, hydraulic; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, caustic/alkali suppliers, physical; soapstock equipment; waste water treatment equipment; analytical laboratories; computer process control, hardware, programming, software; construction contractors, complete plants; contract research (pilot scale); engineering services; inspection services.

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OTHER OFFICES: Sau Paulo, S.P.
CONTACT: Steve Cachia, Mkt. Anal. Dept. Mgr.
News wires, commodity; publications/informational services.

Macoex-Masiero Commercial Export Ltd. ★★
Affiliate of Masiero Industrial S.A.
AL. J.E. Lima ~~696-c1182,~~ Sao Paulo, BRAZIL;
PH: 55/11/289-2117; FAX: 55/11/284-1560.
OTHER OFFICES: Buenos Aires, ARGENTINA; Porto, PORTUGAL; Foz Iquacu, BRAZIL
CONTACT: Jose F. Maziero, Dir.
Cookers/extruders/roasters; dehulling equipment; drying & aeration equipment, conditioners & coolers, meal dryers; flaking & cracking equipment; meal handling equipment, pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; solvent vapor detection & control; bleaching & filtering equipment; bleaching clays/earths; crude oil storage (tanks); degumming equipment; deodorization equipment; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; refining/neutralization equipment, chemical, physical, caustic/alkali suppliers; soapstock equipment.

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FAX: 55/11/881-5741 or 853-5975;
TLX: 11-24264 or 34715 (MANN BR).
CONTACT: Renata Ferreira, Trader
Conveyors (drag or en masse); commercial grain cleaners; dust control systems & supplies; dehulling equipment; drying & aeration equipment, conditioners & coolers, grain dryers; meal handling equipment, pelleting equipment; presses, hydraulic; screeners/screening equipment; solvent extraction equipment; condensers; crude oil storage (tanks); heat exchangers; margarine equipment; shortening equipment; construction contractors, complete plants; consultants, equipment, plant layout, industrial processes.

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TLX: 146027 (MASI BR).
OTHER OFFICES: Buenos Aires, ARGENTINA; Mexico City, D.F., MEXICO; Porto, PORTUGAL
CONTACT: José I. Maziero, Man. Dir.
Cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, meal dryers; flaking & cracking equipment; presses, continuous screw; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; solvent vapor detection & control; bleaching & filtering equipment; bleaching clays/earths; degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; refining/neutralization equipment, chemical, caustic/alkali, physical; soapstock equipment.

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PH: 55/41/335-6633; FAX: 55/41/335-3876;
TLX: 55 41 6473 PCSS BR
CONTACT: Ricardo de Oliveira Carvalho, Chemical Engineer
Construction contractors, complete plants, protein plants; consultants, equipment, industrial processes, plant layout, engineering services, inspection services.

SAFRAS & Mercado ★
Affiliate of SAFRAS Ltda.
Rua Otávio Rocha, 115, 11ª Andar, P.O. Box 10.338, Porto Alegre 90.045, R. S., BRAZIL;
PH: 0512/247039; FAX: 0512/249765;
TLX: (EMBRATEL) 51-2416 (ESAF).
OTHER OFFICES: Buenos Aires, ARGENTINA; New York, NY (SANA)
CONTACT: Silmar César Müller, Dir.
News wires, commodity; publications/informational services.

CANADA

ADI International Inc.
Affiliate of ADI Limited
1133 Regent Street, Suite 407, P.O. Box 44, Station "A", Fredericton E3B 4Y2, N.B., CANADA;
PH: 506/452-9000; FAX: 506/459-3954.
OTHER OFFICES: Salem, NH
CONTACT: Robert Landine, Vice Pres.
Consultants, industrial processes; contract research (pilot scale); engineering services.

Bruker Spectrospin Canada Ltd.
555 Steeles Avenue, East, Milton L9T 1Y6, Ontario, CANADA;
PH: 416/876-4641; FAX: 416/876-4421.
OTHER OFFICES: Sydney, B.C., CANADA; Wissembourg, FRANCE; Karlsruhe, FEDERAL REPUBLIC OF GERMANY
CONTACT: Martin A. Smith, Vice Pres.
Instruments/instrument systems, grain analyzers, material level, moisture testers, oil/protein/fiber analyzers; analytical laboratory equipment; analytical laboratories; computer process control, hardware, software.

Campro Agra Limited ★
Subsidiary of AGRA Industries Limited
2233 Argentia Road, Suite 400, Mississauga QN L5N 2X7, Ontario, CANADA;
PH: 416/858-8010; FAX: 416/858-3332;
TLX: 06-218797 (AI CE CIP MSGA).
OTHER OFFICES: Delhi; Belgaum, INDIA (Int'l. Advances Process Technologies Limited); Tokyo, JAPAN (Tomen Corp. & Muira Engineering Co. Ltd.); Kuala Lumpur, MALAYSIA (Salcon Engineering Sdn. Bhd.)
CONTACT: Peter W. Sleggs, Mgr.
Bleaching & filtering equipment; degumming equipment; deodorization equipment; dewaxing equipment; fractionation equipment (winterizing); hydrogenation equipment; oil dryers; refining/neutralization equipment, physical; soapstock equipment; distillate recovery equipment; consultants, equipment, industrial processes, plant layout; contract research (pilot scale); engineering services; technology services.

See Our Advertisement P. 115

Carter Day Industries (Canada), Ltd.
Affiliate of Carter Day Industries
1425 Whyte Avenue, P.O. Box 488, Winnipeg R3C 2J6, Manitoba, CANADA;
PH: 204/786-5781; FAX: 204/783-9404;
TLX: 07-57327.
OTHER OFFICES: Minneapolis, MN (office); Wyoming, MN (mfg.)
CONTACT: Brad Plummer, Sales Mgr.
Aspirators; commercial grain cleaners; dust control systems & supplies.

★ Updated Listing
★★ New Listing

Dantec Systems Corporation ★

495 Dotzert Court, Waterloo N2L 6A7,
Ontario, CANADA;
PH: 519/725-4700; FAX: 519/885-4300.
OTHER OFFICES: Indianapolis, IL; Myrtle Beach, SC
CONTACT: Tom D. Mitchell, Vice Pres., Mkting.
Instruments/instrument systems, control, moisture testers, moisture measurement/control (continuous); computer process control, hardware, programming, software.

Jaymark, Division of Kenscott Ltd.

470 Grays Road, Hamilton L8E 2Z4,
Ontario, CANADA;
PH: 416/561-3034; FAX: 416/578-1748.
CONTACT: Darryl Tateishi, Gen. Mgr.
Conveyors (drag or en masse); milling equipment supplies, spare parts & repair; used equipment; consultants, equipment, product development.

Korting Hannover AG ★★

c/o Falice Industrial Components Inc.,
5340 Pedneault, Laval-P.,
Quebec H7K 2P1, CANADA;
PH: 514/625-3224; FAX: 514/625-5258.
OTHER OFFICES: Hamburg, GERMANY
CONTACT: Fathi Mustafa, Rep.
Deodorization equipment, fatty acid distillation equipment.

Noctorum , Inc. ★

50 Lavender Way, London N5X 3H9,
Ontario, CANADA;
PH: 519/642-2194; FAX: 519/642-1556.
CONTACT: P. Maurice Bell, Pres.
Consultants, equipment, industrial processes, plant layout; engineering services.

Oriac International ★

41 Mutual Street, Toronto M5B 2A7,
Ontario, CANADA;
PH: 416/365-7011; FAX: 416/365-1552;
TLX: 062-17792 (ORIAC INTL TOR).
OTHER OFFICES: Baltimore, MD; Alexandria, EGYPT
CONTACT: Wayne Bacon, Gen. Mgr.
Consultants, marketing.

POS Pilot Plant Corporation

Information Services, 118 Veterinary Road,
Saskatoon S7N 2R4, Saskatchewan, CANADA;
PH: 306/975-7066; FAX: 306/975-3766. .
CONTACT: Roy Carr, Pres.
Analytical laboratories; consultants, equipment, industrial processes, product development; contract research (pilot scale); engineering services.

Prochem Mixing Equipment Ltd. ★

8032 Torbram Road, Brampton L6T 3T2,
Ontario, CANADA;
PH: 416/793-6800; FAX: 416/793-9434.
OTHER OFFICES: Snellville, GA; Oak Brook, IL; Mendon, NY
CONTACT: Jim Moffat, Gen. Sales Mgr.
Agitators (liquid).

Promexport Canada Ltd. ★

Affiliate of Europmarkets (France)
Plaza Tower, Suite 2510, 4000 de
Maisonneuve West, Montreal H3Z 1J9,
Quebec, CANADA;
PH: 514/935-0945; FAX: 514/933-3066;
TLX: 055-61326.
CONTACT: Michael Librowicz, Pres.
Consultants, marketing.

ProSoya Foods International, Inc. ★

9 Veery Lane, Ottawa K1J 8X4,
Ontario, CANADA;
PH: 613/745-9115; FAX: 613/744-3548.
OTHER OFFICES: St. Louis., MO (ProSoya Corp.)
CONTACT: Raj P. Gupta, Vice Pres.
Soymilk & tofu equipment & supplies; consultants, equipment, industrial processes.

See Our Advertisement P. 140

COLOMBIA

Extraction De Smet S.A. ★

Affiliate of Compagnie Financière De Smet S.A.
Oficina en Colombia, Calle 81A No. 8-57,
Apartado Aereo 52786,
Bogota, D.E., COLOMBIA;
PH: 57/1/235-9664; FAX: 57/1/217-1675;
TLX: 45597 (DSMET CO).
OTHER OFFICES: Antwerp (Extraction De Smet S.A.), Hull, (De Smet Rosedowns Ltd.), ENGLAND
CONTACT: J. McAllister, Mgr.
Soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw, hydraulic; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, caustic/alkali suppliers, physical; soapstock equipment; waste water treatment equipment; analytical laboratories; computer process control, hardware, programming, software; construction contractors, complete plants; contract research (pilot scale); engineering services; inspection services.

Samudio & Asociados Ltda ★★

Carrera 14 No.87-45 Piso 2, Apartado Aereo
89509, Santafé de Bogota, D.C. 8, COLOMBIA;
PH: 57/1/ 2182908 FAX: 57/1 /2182176;
TLX: 41237 SAMTC CO.
CONTACT: Herman Samudio Hein, Gen. Mgr.
Cookers/extruders/roasters; dehulling equipment; flaking & cracking equipment; meal handling equipment, pelleting equipment; presses, continuous screw; solvent extraction equipment; bleaching & filtering equipment; bleaching clays/earths; degumming equipment; deodorization equipment; fat splitters/separators; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogen generation equipment; hydrogenation catalysts; hydrogenation equipment; refining/neutralization equipment, chemical, physical; soapstock equipment; margarine equipment; shortening equipment; soy protein equipment & supplies.

Tecnintegral Ltda. ★

Affiliate of Extraction De Smet, Belgium
Calle 81A N. 8-57, P.O, Box AA93134, Bogotá,
Cundinamarca, COLOMBIA;
PH: 57/217-2480 or 91/775-0140 or 91/775-0141; FAX: 57/217-1675;
TLX: 45597 (DSMET CO).
CONTACT: Gabriel E. Becerra Fadul, Gen. Mgr.
Conveyors (drag or en masse); dust control systems & supplies; soybean storage equipment & supplies, elevator & silo storage; cookers/extruders/roasters; toasters; dehulling equipment; drying & aeration equipment, conditioners & coolers, grain dryers; meal handling equipment, hammer mills, mixing equipment (dry); presses, continuous screw; screeners/screening equipment; solvent extraction equipment; solvents; condensers; flake desolventizers, flash/vapor; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; bleaching clays/earths; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; heat exchangers; hydrogen generation equipment; hydrogenation catalysts; hydrogenation equipment; oil dryers; refining/neutralization equipment, physical; winterization equipment; waste water treatment equipment; construction contractors, complete plants; consultants, equipment, industrial processes; engineering services; inspection services.

DENMARK

APV DTD, Soya Technology Division ★

Affiliate of APV Pasilac AS
2, Europaplads, P.O. Box 146, DK-8100
Aarhus C, DENMARK;
PH: 45/86/124155; FAX: 45/86/195558;
TLX: 64541 (DTKEY DK).
CONTACT: Asger S. Hansen, Tech. Mgr.
Commercial grain cleaners; dust control systems & supplies; soybean storage equipment & supplies, elevator & silo storage; dehulling equipment; soymilk & tofu equipment & supplies; analytical laboratory equipment; waste water treatment equipment; analytical laboratories; computer process control, hardware, software; consultants, plant layout, product development; engineering services.

See Our Advertisement P. 242

Cimbria Unigrain Ltd. A/S ★

Cimbria House, P.O. Box 40,
Thisted 7700, DENMARK;
PH: 97/922211; FAX: 97/924411;
TLX: 66684 (ASCIM DK).
OTHER OFFICES: Malmö, SWEDEN (Svenska Cimbria AB); Sollentuna, SWEDEN (Svenska Cimbria AB); York, ENGLAND (Cimbria [UK] Ltd.); Kinsale, Cork, IRELAND (Cimbria Ireland); Oldenburg, GERMANY (Cimbria Seat); Askin, NORWAY (Norske Cimbria); Nairobi, KENYA (Cimbria East Africa Ltd); Kuala Lumpur, MALAYSIA.
CONTACT: Sven A.T. Olesen, Mkting. Mgr.
Air classifiers; aspirators; bags, bagging equipment; conveyors (drag or en masse); commercial grain cleaners; dust control systems & supplies; instruments/instrument systems, automatic samplers, control, flow measurement, grain analyzers, material level, moisture testers, quality control metal detection, warning systems; soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; screeners/screening equipment; construction contractors, complete plants.

DAMAS A.S.
Vester Aaby, Faaborg DK-5600, DENMARK;
PH: 45/62/61-67-00; FAX: 45/62/61-68-51;
TLX: 50515 (DAMAS DK).
CONTACT: Ejner Rasmussen, Sales Mgr.
Aspirators; commercial grain cleaners; instruments/instrument systems, automatic samplers.

Gerstenberg & Agger A.S. ★★
Frydendalsvej 19,
DK-1809 Fredriksberg C, DENMARK;
PH: 45/31/312839; TLX: 15039 (GANDA DK);
FAX: 45/31/313025.
OTHER OFFICES: Gertstenberg do Brasil, Sao Paulo, BRASIL, Gerstenberg USA INC, Milwaukee, WI.
CONTACT: K.A. Gerstenberg, Man, Dir.
Margarine equipment; shortening equipment.

Haldor Topsøe A/S
Nymollevej 55, P.O. Box 213,
DK-2800 Lyngby, DENMARK;
PH: 45/45/272000; FAX: 45/45/272999.
OTHER OFFICES: Houston, TX
CONTACT: Ernst Hansen, Area Sales Mgr.
Hydrogen generation equipment.

Skandinavisk Levnedsmiddel Rådgivning A/S ★
Teglbakken 30,
Arhus/Højbjerg DK-8270 DENMARK;
PH: 45/86/277630; FAX: 45/86/277633.
CONTACT: Poul Agger, Man. Dir.
Consultants, equipment, industrial processes, plant layout, product development; contract research (pilot scale); engineering services; inspection services.

EGYPT

De Smet Egypt ★
10 El Adel Abu Bakr Street,
2A Malek Cairo, EGYPT;
PH: 3412954; FAX: 3412774;
TLX: 21655 ECCG.
OTHER OFFICES: DeSmet Engineers & Contractors, Brussels, BELGIUM
CONTACT: M. Sollimen, Mgr.
conditioners & coolers, meal dryers; flaking & cracking equipment; meal handling equipment, spare parts & repair; continuous screw presses, solvent extraction equipment; flake desolventizers; bleaching & filtering equipment; degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; fractionation equipment;hydrogenation equipment; refining/neutralization equipment, chemical, caustic/alkali suppliers, physical; soapstock equipment; waste water treatment equipment; ; computer process control, hardware, programming, software; construction contractors, complete ; engineering services.

ENGLAND

CP Instrument Company Ltd. ★
P.O. Box 22, Bishops Stortford M23 3DX,
Herts, ENGLAND;
PH: 44/0279/757711; FAX: 44/0279/755785; TLX: (UK) 817509 (COLPAR C).
CONTACT: B. E. Thomas, Dir.
Instruments/instrument systems, automatic samplers, control, flow measurement, material level, moisture testers, temperature monitors; scales; analytical laboratory equipment; waste water treatment equipment.

De Smet Rosedowns Ltd. ★
Affiliate of Compagnie Financieze De Smet
Cannon Street, Hull, HU20AD,
North Humberside, ENGLAND;
PH: 44/482/29864; FAX: 44/482/25887;
TLX: 59 2226.
OTHER OFFICES: Buenos Aires, ARGENTINA (De Smet S.A.I.C.); Antwerp (Extraction De Smet S.A.), Overijse (De Smet Engineers & Contractors S.A.), BELGIUM; São Paulo, BRAZIL (De Smet Do Brasil S.A.); Bogota, COLOMBIA (Extraction De Smet S.A., office); Giza, EGYPT (De Smet Egypt); Runcorn, ENGLAND (De Smet Phropines Ltd.); New Delhi, Bombay, INDIA (De Smet Chemfood Engineering Pvt. Ltd.); Jakarta, INDONESIA (PT Duta Semesta Mukti); Kuala Lumpur, MALAYSIA (De Smat (Malaysia) Sdn. Bhd.); Mexico City, MEXICO (De Smet Mexico S.A. de C.V.); Metro Manila, PHILIPPINES (Equipro Industrial Co. Inc.); SINGAPORE (De Smet (Engineering) S.E.A. Pte. Ltd.); Madrid, SPAIN (De Smet Espana S.A.); Istanbul, TURKEY (STEP Ltd. Sti.); Atlanta, GA (De Smet USA Corp./De Smet Process & Tech. Inc.)
CONTACT: David Bedford Gen. Sales
Cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, meal dryers; flaking & cracking equipment; presses, continuous screw; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; solvent vapor detection & control; bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; refining/neutralization equipment, chemical, physical; analytical laboratories; computer process control, hardware, programming, software; contract research (pilot scale); engineering services.

Engelmann & Buckham Machinery Ltd.
William Curtis House, Alton GU34 1HH,
Hants, ENGLAND;
PH: 44/420/82421; FAX: 44/420/89193;
TLX: 858194.
CONTACT: Robert H. Westlake, Sales Mgr.
Deodorization equipment; fractionation equipment; heat exchangers; margarine equipment; shortening equipment.

Europa Crown LTD. ★★
MAIN OFFICE: 2nd Floor, Hallgate House, 177 Hallgate, Cottingham,
Humberside HU16 4BB, ENGLAND;
PH: 44/482-844444; FAX: 44/482-844944.
TLX: 592872 ECLHULG.
OTHER OFFICES: MINNEAPOLIS, MI; KUALA LUMPUR, MALAYSIA; GUATEMALA CITY, GUATEMALA.
CONTACT: Mr. Graham Goforth, Man.
Air classifiers; aspirators; bags, bagging equipment; commercial grain cleaners; conveyors (drag or en masse); dust control systems & supplies; instruments/instrument systems, automatic samplers, control, flow measurement, grain analyzers, material level, moisture testers, oil/protein/fiber analyzers, quality control metal detection, warning systems, temperature monitors; loading & unloading equipment, barge, railroad, ship, truck; scales; soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage, fumigants; cookers/extruders/roasters; dehulling equipment; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, hammermills, mixing equipment (dry), pelleting equipment, pulverizing equipment; milling equipment supplies, spare parts & repair; presses, continuous screw; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; solvent vapor detection & control; agitators (liquid); bleaching & filtering equipment; bleaching clays/earths; centrifuges; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters/separators; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogen generation equipment; hydrogenation catalysts; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, physical, caustic/alkali suppliers; margarine equipment; shortening equipment; soy protein equipment & supplies; used equipment; waste water treatment equipment; analytical laboratories; computer process control, hardware, programming, software; consultants, marketing; construction contractors, complete plants, protein plants; contract research; engineering services; inspection services;

See Our Advertisement P. 2

Helix Conveyors Ltd. ★
30 Hornsby Square, Southfields Industrial Park, Laindon SS15 6SD, Essex, ENGLAND;
PH: 44/0268/540820;
FAX: 44/0268/541270.
CONTACT: Lawrence Tattersall, Gen. Mgr.
Conveyors (drag or en masse); instruments/instrument systems, flow measurement.

Laporte Absorbents ★
Moorfield Road, P.O. Box 2, Widnes WA8 OJU,
Cheshire, ENGLAND;
PH: 44/051/495-2222; FAX 44/051/420-4088; TLX: 627725 (LAPWIDG).
CONTACT: Preston Shanks, Mktg. Exec.
Bleaching clays/earths.

Leatherhead Food Research Association
Randalls Road, Leatherhead, Surrey,
ENGLAND;
PH: 44/372/376761; FAX: 44/372/386228;
TLX: 929846 (FOODRA G).
CONTACT: J. R. Swift, Sales Mgr.
Analytical laboratories; consultants, product development; contract research (pilot scale).

Lipid Technology ★
Mayfield House, 256 Banbury Road,
Oxford OX2 7DH, ENGLAND;
PH: 44/865-512242; FAX: 44/865-310981;
TLX: 837966.
CONTACT: Dr. Peter J. Barnes
Publications/informational services.

Oils & Fats International Magazine & Directory
Affiliate of International Trade Publication Ltd.
Queensway House, 2 Queensway, Redhill RH1 1QS, Surrey, ENGLAND;
PH: 44/737/768611; FAX: 44/737/761989.
CONTACT: Bill Lavers, Editor
Publications/informational services.

Oxford Instruments Industrial Analysis Group. ★
20 Nuffield Way, Abingdon OX14 1TX,
Oxon, ENGLAND;
PH: 44/0235/532123;
FAX: 44/0235/535416; TLX: 83621.
OTHER OFFICES: Andover, MA (Oxford Instruments Inc.)
CONTACT: Lorraine M. Young, Mkting. Mgr.
Instruments/instrument systems, control, oil/protein/fiber analyzers; analytical laboratory equipment.

Salamon & Seaber Ltd. ★
178 Old Street, London EC1 9BP, ENGLAND;
PH: 071/250-4058; FAX: 01/251-0018; TLX: 295179 (SALAB G).
CONTACT: Albert A. Moulder
Analytical laboratories.

Sinar Technology ★
9, Waterside, Hamm Moor Lane,
Weybridge, Surrey KT15 2SN, ENGLAND;
PH: 44/932/858287; FAX: 44/932/844683;
TLX: 934534 (SIN UK G).
CONTACT: Tudor Roberts, Product Mgr.
Instruments/instrument systems, moisture testers, grain analyzers, oil/protein/fiber analyzers.

Sortex Ltd. ★★
Affiliate of Booker PLC
MAIN OFFICE: Pudding Mill Lane,
London E15 2PJ, ENGLAND;
PH: 44/81/519-0525; TLX: 262773;
FAX: 44/81/519-5614.
OTHER OFFICES: UNION CITY, CA
CONTACT: David Dymond, Marketing Director
Air classifiers, commercial grain cleaners, grain analyzers.

Soya Foods ★
27A Santos Road,
London SW18 1NT, ENGLAND;
PH: 44/81/874-5059; FAX: 44/81/877-3911.
CONTACT: Heather Paine, Editor
Publications/informational services.

The Tintometer Ltd. ★★
Waterloo Road, Salisbury SP1 2JY,
Wiltshire, ENGLAND;
PH: 44/722-327242;
TLX: 47372 (TINT CO G); FAX: 44/722-412322
CONTACT: Alex A. Belbin
Analytical laboratory equipment; waste water treatment equipment, tasting.

GERMANY

Gebruder Bauermeister & Company
Verfahrenstechnik GmbH & Co., Oststrasse 40, Postfach 1268, D-2000 Norderstedt/
Hamburg, GERMANY;
PH: 49/40/526-08 143;
FAX: 49/40/526-08 199; TLX: 213 452.
OTHER OFFICES: Memphis, TN
(Bauermeister Inc.)
CONTACT: Helmut Bockelmann, Sales Mgr.
Flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pulverizing equipment.

Buss SMS GmbH Verfahrenstechnik ★★
Affiliate of Buss AG Basel
Postfach 120, D-6308, Butzbach, GERMANY;
PH: 06033/85-0; FAX: 06033/85-249 + 359;
TLX: 4184481 ama s.
CONTACT: Mr. K.J. Erdweg, Sales Mgr.
Fatty acid distillation equipment (thin film and fine vacuum evaporation for fatty acid); lecithin dryers; construction contractors, complete plants; engineering services.

Davy Bamag GmbH
Affiliate of Davy McKee
Aktiengesellschaft, Frankfurt
Wetzlarer Str. 136, P.O. Box 460,
Butzbach D-6308, GERMANY;
PH: 0049/6033/831; FAX: 0049/6033-83506; TLX: 418-4487 (DAVY D).
CONTACT: M. Nikutowski, Sales Mgr.
Hydrogen generation equipment.

Industrie-Technik GmbH
Altn Graben 15, Postfach 5209,
Konstanz D-7750, GERMANY;
PH: 07531/22007; TLX: 733351.
CONTACT: Gunther Weisener, Dipl.-Ing. (FH)
Consultants, equipment, plant layout, industrial processes; engineering services.

Ing. Hans Marx Ingenieurbüro ★★
Zaunerstrabe 11,
D-8000 Munich 50, GERMANY;
PH: 49/89/812-5622; FAX: 49/89/812-9122.
CONTACT: Mr. Hans Marx, Eng.
Flaking & cracking equipment; milling equipment supplies, spare parts & repair.

ISTA Mielke GmbH ★
Langenberg 25, 2100 Hamburg 90, GERMANY;
PH: 49/40/760-2081; FAX: 49/40/760-7048.
CONTACT: Thomas Mielke, Editor
News wires, commodity; publications/informational services.

Franz Kirchfeld GmbH & Company KG
Moersenbroicher Weg 200, P.O. Box 4626,
Düsseldorf 4000, GERMANY;
PH: 0211/618-940; FAX: 0211/618-9411;
TLX: 8583670.
CONTACT: Bernd Kunze, Dept. Mgr.
Bleaching & filtering equipment; degumming equipment; deodorization equipment; hydrogenation equipment; refining/neutralization equipment, physical; soapstock equipment; construction contractors, complete plants.

Korting Hannover AG ★★
Division S, Badenstedter Straße 56,
D-3000 Hannover 91, GERMANY;
PH: 49/511/2129-245;
FAX: 49/511/2129-223.
OTHER OFFICES: Quebec, CANADA
CONTACT: Herbert Gehring
Deodorization equipment, fatty acid distillation equipment.

Krupp Maschinentechnik GmbH ★
Division Extraktionstechnik,
Seevestraße 1, Postfach 900552,
2100 Hamburg 90, GERMANY;
PH: 49/40/771790; FAX: 49/40/77179-325 or 77179-630; TLX: 0217777 (HEBH D).
OTHER OFFICES: Essen; Nordrhein; Westfalen
CONTACT: Christoph Schmitt
Drying & aeration equipment, conditioners & coolers, meal dryers; flaking & cracking equipment; presses, continuous screw; solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, physical; soapstock equipment; shortening equipment; construction contractors, complete plants; engineering services; inspection services.

See Our Advertisement P. 127

Lurgi Gas und Mineraloltechnik GmbH ★
Lurgiallee 5, P.O. Box 11 12 31, 6000
Frankfurt 11, GERMANY;
PH: 49/069/5808-3802;FAX: 49/069/5808-2738; TLX: 412360 (LG D).
CONTACT: Georg Penk, Asst. Vice Pres.
Solvent extraction equipment; drying & aeration equipment, conditioners & coolers; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; bleaching & filtering equipment; degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; hydrogen generation equipment; hydrogenation equipment; oil dryers; refining/neutralization equipment, physical.

★ Updated Listing
★★ New Listing

Maschinenfabrik Reinartz GmbH & Co. KG ★
Industriestrasse 14, P.O. Box 10 09 50,
D-4040 Neuss 1, GERMANY;
PH: 49/2131-272028; FAX: 49/2131-275381;
TLX: 8517740 (MRN D).
CONTACT: Manfred Boss, Man. Dir.
Cookers/extruders/roasters; flaking & cracking equipment; presses, continuous screw.

Carl Aug. Picard GmbH & Company KG ★
Hasteraue 9, P.O. Box 140440,
D-5630 Remscheid , GERMANY;
PH: 49/2191/893-0; FAX: 49/2191/893-111;
TLX: 8513906 or 8513809 (PICA D).
OTHER OFFICES: Newcastle-under-Lyme, Staffs, ENGLAND (office); HONG KONG (mfg.); Irvine, CA (mfg.); Battle Creek, MI (mfg.)
CONTACT: Anne Jaeger, Secy. to Sales Dir.
Milling equipment supplies, spare parts & repair; presses, continuous screw.

Ponndorf Maschinenfabrik GmbH
Leipziger Strasse 374, P.O. Box 102860,
Kassel D-3500, GERMANY;
PH: 561/51140; TLX: 99760 (PONKAS).
CONTACT: Peter Boll
Drying & aeration equipment, meal dryers; presses, continuous screw.

Johannes Schuback & Sohne ★★
Handelsgesellschaft m.b.H. & Co., Speersort 8, D-2000 Hamburg 1, GERMANY;
PH: 49/40/302030; FAX: 49/40/30203101;
TLX: 211922 js d.
CONTACT: Mr. John Rhody, Sales Mgr.
Soybean storage equipment & supplies, elevator & silo storage; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, hammermills, mixing equipment (dry), pelleting equipment; presses, continuous screw; solvent extraction equipment; bleaching & filtering equipment; degumming equipment; deodorization equipment; fractionation equipment; heat exchangers; hydrogen generation equipment; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, physical, caustic

Hermann Schumacher ★★
Politzerstrasse 1,
D-2061 Poelitz-Schulenburg, GERMANY;
45/39/8381-2 TLX: 261598 Deim-D
FAX: 04539 8383.
News wires, commodity.

Schwäbische Hüttenwerke GmbH (SHW) ★
Heidenheimer Strasse 1, P.O. Box 1062,
D-7923 Königsbronn, GERMANY;
PH: 49/7328-830; FAX: 49/7328-8318;
TLX: 714801.
OTHER OFFICES: Torrington, CT (SHW, Inc.)
CONTACT: Thomas Volk, Mgr. Sales
Soybean storage equipment & supplies, elevator & silo storage; flaking & cracking equipment (rolls).

SKET - Schwermaschinenbau-Kombinat Ernst Thälmann
Mariènstrasse 20,
Magdeburg 3011, GERMANY;
PH: 91/37/680; FAX: 91/37/613100.
TLX: 08241 (SKET).
CONTACT: Swrlwd Wende
Commercial grain cleaners; cookers/extruders/roasters; dehulling equipment; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; presses, continuous screw; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; solvent vapor detection & control; deodorization equipment; heat exchangers; oil dryers; refining/neutralization

equipment, chemical; soapstock equipment; soy protein equipment & supplies; computer process control, hardware, programming, software; construction contractors, complete plants, protein plants.

Süd-Chemie AG
Lenbachplatz 6, Postfach 20 22 40, 8000
München 2, GERMANY;
PH: 089/5110-0; FAX: 089/5110-375;
TLX: 523821 or 523872 (SCMU D).
CONTACT: R. Christians
Bleaching clays/earths; hydrogenation catalysts.

Sulzer-Escher Wyss GmbH
Escher Wyss Str. 25, P.O. Box 1380,
D-7980 Ravensburg, GERMANY;
PH: 49/751-832287; FAX: 49/751-833033;
TLX: 732901 (EWRV D).
CONTACT: Gerd Florin, Dipl. Ing.
Dryers & coolers, fluidized bed; dehulling equipment; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers.

Unichema Chemie GmbH
P.O. Box 1280, D-4240 Emmerich, GERMANY;
PH: 49/2822/72470; FAX: 49/2822/72276;
TLX: 812-5113.
OTHER OFFICES: Chicago, IL (Unichema North America)
CONTACT: R. A. Joosten, Business Mgr.
Hydrogenation catalysts.

Walter Maschinebau GmbH
Bollenhoehe 4, D-4020 Mettmann, GERMANY;
PH: 49/2104/14030; FAX: 49/2104/12054.;
TLX: 858-1230 (UWE D).
CONTACT: Michael Walter
Conveyors (drag or en masse); instruments/instrument systems, automatic samplers, material level; elevator & silo storage; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw; screeners/screening equipment; crude oil storage (tanks); heat exchangers; analytical laboratories; consultants, equipment, industrial processes, plant layout, product development.

Westfalia Separator AG ★
Box 3720, Oelde 4740, GERMANY;
PH: 02522/772781; FAX: 02522/772488;
TLX: 89474.
CONTACT: Hans-Jürgen Korbal, Dipl. Engineer
Centrifuges.

GREECE

Ruari International Trading Corp. LTD ★★
91 Akti Miaouli, Piraeus 18538, GREECE;
PH: 30/1-4290579; FAX: 30/1-4290472.
OTHER OFFICES: PIRAEUS, GREECE, NICOSIA CYPRUS
CONTACT: Laurie Wyatt, Trading Mgr.
Transportation, ocean freight line;

HONG KONG

U.S.O.P. Ltd.
33 Garden Road Central, St. John's Building,
15th Floor, Hong Kong, HONG KONG;
PH: 852/5/523-0594;TLX: 73273 (EISCO HX).
CONTACT: Efraim Rennert, Dir., Project Dept.
Solvent extraction equipment; refining/neutralization equipment, chemical, physical; engineering services

HUNGARY

GABONA Co. Ltd. ★
Dorottya 1, P.O. Box 232, Budapest 1368,
Asboth u. 9-11, HUNGARY;
PH: 36/1/142-3360; 112-4850, 122-6451;
FAX: 36/1/1226-490; TLX: 22-4451.
CONTACT: Daniel Lacfi, Man. Dir.
Publications/informational services.

INDIA

M/S Calcutta Rolls Manufacturing Co. ★★
77/1A Park Street, P.O. Box 9165, Calcutta,
West Bengal 700016, INDIA;
PH: 91/33/295605, 295606;
FAX: 91/33/288671.
CONTACT: Sandeep Poddar, CEO
Flaking & cracking equipment.

Cottor International ★
Affiliate of Cottor Plants (India) Pvt. Ltd.
303 Vikas Building, 11 N.G.N. Vaidhya Marg,
Fort., Bombay 400 023, Maharashtra, INDIA;
PH: 294765/312586/2083097;
FAX: 286/1349: TLX: 83-565 (COTR IN).
CONTACT: Ram Dayal S. Bohra, Chief Exec.
Aspirators; conveyors (drag or en masse); commercial grain cleaners; dust control systems & supplies; cookers/extruders/roasters; coolers, fluidized bed; dehulling equipment; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, hammer mills, mixing equipment (dry); milling equipment supplies, spare parts & repair; presses, continuous screw, hydraulic; screeners/screening equipment; solvent extraction equipment; solvents; solvent extraction distillation equipment; solvent vapor detection & control; agitators (liquid); bleaching & filtering equipment; bleaching clays/earths; crude oil storage (tanks); degumming equipment; deodorization equipment; filter presses; heat exchangers; hydrogen generation equipment; hydrogenation catalysts; hydrogenation equipment; oil dryers; refining/neutralization equipment, conventional caustic, physical; soapstock equipment; soymilk & tofu equipment & supplies; soyfoods packaging equipment & supplies; soy protein equipment & supplies; cleaning/sanitizing equipment & supplies; used equipment; waste water treatment equipment; consultants, equipment, plant layout, product development; engineering services; inspection services.

De Smet Chemfood Engineering Pvt. Ltd. ★
Affiliate of Compagnie Financière De Smet S.A.
5 Wallace Street, Apeejay Chambers, P.O. Box
608, Bombay 400 001, INDIA;
PH:91/22/204-4506; FAX: 91/22/204-4500;
TLX:112668 (JMN IN).
OTHER OFFICES: Antwerp (Extraction De Smet S.A.), Hull, (De Smet Rosedowns Ltd.), ENGLAND
CONTACT: S. Marshall, Mgr.
Soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw, hydraulic; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, caustic/alkali suppliers, physical; soapstock equipment; waste water treatment equipment; analytical laboratories; computer process control, hardware, programming, software; construction contractors, complete plants; contract research (pilot scale); engineering services; inspection services.

Do-Well Oil Plants Pvt. Ltd. ★
306, Manish Commercial Centre, Dr. Annie
Besant Road, Worli, Bombay 400025, INDIA;
PH: 91/22/493-7219 ; TLX: 75573 (DWL IN).
OTHER OFFICES: Bombay, INDIA (mfg.)
CONTACT: Devinder Malhotra, Man. Dir.
Anti-caking agents; cookers/extruders/roasters; coolers, fluidized bed; dehulling equipment; drying & aeration equipment, meal dryers; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment, pulverizing equipment; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; bleaching clays/earths; centrifuges; crude oil storage (tanks); degumming equipment; deodorization equipment; heat exchangers; hydrogen generation equipment; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, caustic/alkali suppliers, physical; soapstock equipment; emulsifiers; margarine equipment; shortening equipment.

Dosi & Associates
10, MIG Jawahar Nagar, A. B. Road, Dewas
455 001, M.P., INDIA;
PH: 91/2159.
CONTACT: Dharam C. Dosi, Pres.
Consultants, equipment, industrial processes, plant layout; engineering services.

Indovita Proteins (P) Ltd. ★★
SA-66, Shastri Nagar, Ghaziabad 201001,
U.P., INDIA;
PH: 91/0118-42217 or 44450.
OTHER OFFICES: Ghaziabad, U.P.; New Delhi, N.D.; Azamgarh, U.P.
CONTACT: Pawan Swarup, Dir.
Soymilk & tofu equipment & supplies.

Jai Exports ★★
807 Embassy Centre, Nariman Point 400021,
Bombay, INDIA;
PH: 2048431, 222609; FAX: 91/22/230473.
CONTACT: V.D. Vyas, V.P.
Consultants, marketing; warehousing; export/import;

Patel Brothers Services & Engineering Pvt. Ltd. ★
10 Veer Nariman Road, 6 Elphinston Building,
G.P.O. Box 611, Bombay 400 001,
Maharashtra, INDIA;
PH: 91/22/204-/1072 or 204-4295;
FAX: 91/22/204-9178; TLX:84837 (PBSE IN).
CONTACT: Pesi Patel, CEO

Dehulling equipment; screeners/screening equipment; waste water treatment equipment;

Schokhi Industrials Pvt. Ltd. ★
Schokhi House, Ground Floor, French Bridge,
Opera House JN, Bombay 400 007,
Maharashtra, INDIA;
PH: 91/22/3868255, or 368255 or 3861050;
FAX: 91/22/287-1771;TLX:1174535 (SOKIIN).
CONTACT: Nitin Goel, Dir.

Consultants, equipment, marketing, product development; inspection services; weighing services & surveys. warehousing; export/import, ocean port terminal; news wires, commodity; publications/informational services;

Spads Biotechnica (P) Ltd. ★
14 Vikas Park, P.O. Box 18282, Juhu Tara Road, Juhu 400049, Bombay, INDIA;
PH: 91/022/614-1247; FAX: 91/022/6113682; (ATTN: SPADS); TLX: 1171419 (PALMIN ATTN: SPADS).
CONTACT: Abhay Sharma, Dir.

Anti-caking agents; meal handling equipment, hammermills, mixing equipment (dry), pelleting equipment; refining/neutralization equipment, chemical, caustic/alkali suppliers; antioxidants.

INDONESIA

PT Duta Semesta Mukti ★
Affiliate of Compagnie Financière De Smet S.A.
C/O PT Gunung Mas, Jalan Jayakarta, 141
Block A21, Jakarta, INDONESIA;
PH:62/21/629-5545; FAX: 62/21/629-3038;
TLX: 41423 (GUMAS IA).
OTHER OFFICES: Antwerp (Extraction De Smet S.A.), Hull, (De Smet Rosedowns Ltd.), ENGLAND
CONTACT: A. Wahab, Mgr.

Soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw, hydraulic; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, caustic/alkali suppliers, physical; soapstock equipment; waste water treatment equipment; analytical laboratories; computer process control, hardware, programming, software; construction contractors, complete plants; contract research (pilot scale); engineering services; inspection services.

ISRAEL

H.L.S. Ltd. ★
Kiriat-Arie, P.O. Box 193,
Petah-Tikva 49101, ISRAEL;
PH: 972/3/925-6238; FAX: 972/3/925-6289;
TLX: 381125 (ETZHL IL).
CONTACT: E. Danin, Man. Dir.

Cookers/extruders/roasters; solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, physical; soapstock equipment; construction contractors, complete plants; consultants, equipment, industrial processes, plant layout, product development; engineering services.

Hayes General Technology Company Ltd.
Misgav Dov 19,
Mobile Post Emek Sorek 76867, ISRAEL;
PH: 972/8/592925; FAX: 972/8/596346;
TLX: 381240 (HGEMC IL).
OTHER OFFICES: Gedera (2 Offices; Hayes Gen. Tech. & General Feeds Co.); Misgav Dov (Hayes Engineeering Co.)
CONTACT: Daniel Chajuss, Dir.

Meal handling equipment, pulverizing equipment; milling equipment supplies, spare parts & repair; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; soy protein equipment & supplies; construction contractors, complete plants, protein plants; consultants, equipment, marketing, plant layout, industrial processes, product development; contract research (pilot scale); engineering services.

ITALY

Andreotti Impianti S.p.A. ★★
Via Petrosa, 8, Sesto Fiorentino,
Florence, ITALY;
PH: 0039/55-44/90/764;
FAX: 0039/55-44/91/735; TLX: 570522 All.
CONTACT: Gaetano Casaldo, Comm. Mgr.

solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; solvent vapor detection & control; agitators; bleaching & filtering equipment; degumming equipment; deodorization equipment; fat splitters/seperators; fatty acid distillation equipment; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical physical; soapstock equipment; margarine equipment; shortening equipment; analytical laboratories; computer process control, software, programming; construction contractors, complete plants; contract research (pilot scale); engineering services.

CICAM S.R.L.
Via G. Cavalcanti, 14, 20127 Milano, ITALY;
PH: 02/289-4415/282-0694; FAX: 02/284-7757; TLX: 315498 (CICAM).
CONTACT: Lucio Rinaldi, Gen. Mgr.

Warehousing: export/import;

Costruzioni Meccaniche Bernardini S.p.A.
Affiliate of Ballestra Group
Via dei Castelli Romani, 2L,
Pomezia 00040, Rome, ITALY;
PH: 39/06/912-0251 (6 lines); FAX: 39/06/910-6762; TLX: 610220 (CMB I).
CONTACT: Mario Bernardini, Man. Dir.

Cookers/extruders/roasters; dehulling equipment; flaking & cracking equipment; milling equipment supplies, spare parts & repair; screeners/screening equipment; solvent extraction equipment; condensers; solvent extraction distillation equipment; solvent vapor detection & control; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogen generation equipment; hydrogenation equipment; oil dryers; refining/neutralization equipment, physical; soapstock equipment; margarine equipment; shortening equipment; construction contractors, complete plants; engineering services.

SERVCO S.p.A.
Affiliate of ANSCO S.p.A.
S.S. Semplone N. 212, P.O. Box 315,
Busto Arsizio 21052, Varese, ITALY;
PH: 39/331/685340; FAX: 39/331/685188;
TLX: 312066 (SERVCO I).
CONTACT: Chiappa Ottorino, Tech. Dir.

Meal handling equipment, mixing equipment (dry), pulverizing equipment; milling equipment supplies, spare parts & repair; presses, hydraulic; agitators (liquid); crude oil storage; filter presses; analytical laboratories; construction contractors, complete plants; consultants, plant layout, product development; contract research (pilot scale); engineering services; inspection services.

JAPAN

Advance Foods, Inc.
Hoko Bldg., 501, Ginza 1-8-19,
Chuo-Ku, Tokyo 104, JAPAN;
PH: 81/03/3562-3925; FAX: 81/03/3561-2796; TLX: 252-3295 (PWPTOK J).
CONTACT: Kim Saito, Dir.

Consultants, marketing; engineering services.

GENEX Corporation
1-15-6 Ginza, Chou-ku, Tokyo, JAPAN;
PH: 81/3/3563-6211.
OTHER OFFICES: New York, NY
CONTACT: Katsumi Iida, Pres.

Publications/informational services.

Kawanishi Shoko Co. Ltd. ★
340 Kuden-Cho, Sakae-ku, Yokohama, JAPAN;
PH: 81/45/892-5547; FAX: 81/45/893-7251;
CABLE: KAWANISHI SHOKO.
OTHER OFFICES: Los Angeles, CA
CONTACT: Satoru Haraguchi

Soymilk & tofu equipment & systems; soyfoods packaging equipment & supplies; coagulants for tofu.

See Our Advertisement P. 138

Mitoku Company Ltd. ★
Room 257, Tokyo Bldg., 2-7-3 Marunouchi,
Chiyoda ku, C.P.O. Box 780,
Tokyo 100-91, JAPAN;
PH: 81/3/3201-6701; FAX: 81/3/3201-6708;
TLX: 34698 (DAISHO J).
CONTACT: Christopher Dawson, Sales & Mkting.

Soymilk & tofu equipment & supplies; soyfoods packaging equipment & supplies.

Miura Engineering Company, Ltd. ★

3-1-11, Ojima, Koto-ku, Tokyo 136, JAPAN;
PH: 81/03/3685-5961;
FAX: 81/03/3637-9674.
CONTACT: Shigeo Miura, Pres.
Instruments/instrument systems, control, flow measurement; cookers/extruders/roasters; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogen generation equipment; hydrogenation equipment; refining/neutralization equipment, physical; soapstock equipment; margarine equipment; shortening equipment; cleaning/sanitizing equipment & supplies; waste water treatment equipment; computer process control, programming; construction contractors, complete plants; consultants, plant layout; engineering services.

Nippon Yuryo Kentei Kyokai

No. 9, Kaigan-Dori, 3-Chome, Naka-ku,
Yokohama 231, JAPAN;
PH: 045/201-8337; TLX: 3823123 (NYKK J).
OTHER OFFICES: Kobe; Chiba; Kashima, JAPAN
CONTACT: Akira Hinokuma, Pres.
Analytical laboratories; inspection services; weighing services & surveys.

Nosawa & Company, Ltd. ★

3-4-1 Marunouchi, Chiyoda-ku, Tokyo 100,
JAPAN;
PH: 81/3/3321-63469; FAX: 81/3/3201-3039; TLX: J-22293 or J-22311.
OTHER OFFICES: New York, NY
CONTACT: H. Inoue, Mach. Div. Mgr.
Cookers/extruders/roasters; Coagulants for tofu; soyfoods packaging equipment & supplies; soymilk & tofu equipment & supplies.

Sato & Company, Ltd. ★

33-9 Nakano, Nakano 3 Chome,
Nakano-ku, Tokyo 164, JAPAN;
PH: 81/3/3382-0761; FAX: 81/3/3384-9313;
TLX: 2323116.
CONTACT: T. Tojo, Overseas Section
Coagulants for tofu; soyfoods packaging equipment & supplies; soymilk & tofu equipment & supplies.

See Our Ads P. 139 & 149

Takai Tofu & Soymilk Equipment Company ★

1-1 Inari, Nonoichi-machi, Ishikawa-gun,
Ishikawa-ken 921, JAPAN;
PH: 0762/94-1712; FAX: 0762/48-5457;
TLX: 5122777 (TAKAI J).
OTHER OFFICES: Kawagoe-shi, Tokyo; Toyonaka-shi, Osaka; Sapporo-shi, Hokkaido
CONTACT: Wataru Takai, Dir.
Coagulants for tofu; soyfoods packaging equipment & supplies; soymilk & tofu equipment & supplies.

MALAYSIA

De Smet (Malaysia) Sdn. Bhd. ★

Affiliate of Compagnie Financière De Smet S.A.
No. 49 Jalan SS 15/4B, Subang Jaya 47500,
Petaling Jaya, Selangor, MALAYSIA;
PH:60/3/734-8563; FAX: 60/3/734-8569.
OTHER OFFICES: Antwerp (Extraction De Smet S.A.), Hull, (De Smet Rosedowns Ltd.), ENGLAND
CONTACT: K. Khoo, Mgr.
Soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw, hydraulic; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, caustic/alkali suppliers, physical; soapstock equipment; waste water treatment equipment; analytical laboratories; computer process control, hardware, programming, software; construction contractors, complete plants; contract research (pilot scale); engineering services; inspection services.

MEXICO

Aceites Industriales El Zapote

Presidente Juarez 201,
Mexico City 54090, D.F., MEXICO;
PH: 52/398/9900-011525; FAX: 52/525/398-9329; TLX: 172613 (ELZAME).
OTHER OFFICES: Houston, TX
CONTACT: Eugenio Gomez
Consultants, marketing.

Banamex, S.N.C.

Andres Bello No. 45, Piso 8-1/2, Col. Polanco,
Mexico 11560, D.F., MEXICO;
PH: 52/915/250-9220 or 250-9221;
TLX: 17-73149 (BN MX).
News wires, commodity.

De Smet Mexico S.A. de C.V. ★

Affiliate of Compagnie Financière De Smet S.A.
Florencia 37 - Piso 4, Mexico City 06600, D.F.,
MEXICO;
PH: 52/5/533-4024; FAX: 52/5/207-8422;
TLX: 1771566 (SMET ME).
OTHER OFFICES: Antwerp (Extraction De Smet S.A.), Hull, (De Smet Rosedowns Ltd.), ENGLAND
CONTACT: S. Sarmiento, Mgr.
Soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw, hydraulic; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, caustic/alkali suppliers, physical; soapstock equipment; waste water treatment equipment; analytical laboratories; computer process control, hardware, programming, software; construction contractors, complete plants; contract research (pilot scale); engineering services; inspection services.

Quimica Sumex, S.A. de C.V.

Affiliate of Süd Chemie, A.G. (Munich, FEDERAL REPUBLIC OF GERMANY)
Conjunto Plaza Inn, Av. Insurgentes Sur #1971, Apartado Postal 19-201, Mexico City 01030, D. F., MEXICO;
PH: 52/5/548-6720 or 548-6721 or 548-6722; FAX: 52/5/548-3344; TLX: 1771707 (OSUXME) or 1771020 (SUMXME).
OTHER OFFICES: Mexico City, MEXICO (Comercial Sumex, S.A. de C.V.)
CONTACT: Gerardo Feldhaus, Comm. Dir.
Bleaching clays/earths.

NETHERLANDS

Amafilter B.V.

Kwakelkade 28, P.O. Box 396,
Alkmaar 1800 AJ, NETHERLANDS;
PH: 31/72/152414; FAX: 31/72/125207;
TLX: 57291 (AMAL NL).
OTHER OFFICES: London, ENGLAND (Amafilter UK Ltd.); Pontoise, FRANCE (Amafilter S.A.R.L.); Düsseldorf, FEDERAL REPUBLIC OF GERMANY (Amafilter Deutschland GmbH); Petaling Jaya, MALAYSIA (Amafilter Asia)
CONTACT: Thijs Wiersma, Prod. Mgr.
Bleaching & filtering equipment.

Applikon Dependable Instruments BV ★

De Brauwweg 13, P.O. Box 149, Schiedam
3100 AC, NETHERLANDS;
PH: 31/10/462-1855; FAX: 31/10/437-9648;
TLX: 26302 (APLON).
OTHER OFFICES: Genova, ITALY (Applikon Italia); Aldershot, Hants, UNITED KINGDOM (Applikon Analyzers)
CONTACT: Wim Boor, Vice Pres., Mkting. & Sales
Instruments/instrument systems, control, oil/protein/fiber analyzers; drying & aeration equipment, conditioners & coolers.

Caleb Brett Nederland B.V.

Leerlooierstraat 135, P.O. Box 7455,
Rotterdam 3000 HL, NETHERLANDS;
PH: 31/10/490-2702; FAX: 31/10/472-3225;
TLX: 62090.
CONTACT: Flip Oosthoek, Agri. Mgr.
Analytical laboratories; inspection services; weighing services & surveys.

Central Soya Overseas B.V., Chemurgy Div. ★

Affiliate of Central Soya Company
Veerlaan 17-23, P.O. Box 5063, Rotterdam
3008 AB, NETHERLANDS;
PH: 31/010/423-9600; FAX: 31/010/4230897; TLX: 20041 (CNSOY NL).
CONTACT: James P. King, European Sales & Mkting. Dir.
Consultants, marketing; warehousing; export/import, ocean port terminal;

Jan Dekker International

Plein 13, No. 1, P.O. Box 10, Wormerveer
1520 AA, NETHERLANDS;
PH: 31/75/278278; FAX: 31/75/213883;
TLX: 19273 (DEKK).
CONTACT: M. Knop
Antioxidants.

Engelhard De Meern B.V.

Catalysts & Chemicals Division, Strijkviertel 67, P.O. Box 19, De Meern 3454 ZG,
NETHERLANDS;
PH: 03406/69211; FAX: 03406/61538;
TLX: 70782.
News wires, commodity.

Engelhard Sutton ★
P.O. Box 19, De Meern Nl-3454 ZG,
NETHERLANDS;
PH: +31-3406-69211; FAX: +31-3406-61538.
OTHER OFFICES: Edison, NJ (Engelhard Menlo Park); De Meern, NETHERLANDS (Engelhard); Rome, ITALY (Engelhard SpA)
CONTACT: Kenneth Dyke, Area Mgr.
Bleaching clays/earths; hydrogenation catalysts.

Goudsmit Magnetic Systems B.V
Petunialaan 19, P.O. Box 18, Aalst-Waarle
5580 AA , Noord Brabant, NETHERLANDS;
PH: 31/4904/13283; FAX: 31/4904/17325;
TLX: 51991 (GOUMA NL).
CONTACT: Martin J. Goudsmit, Man. Dir.
Instruments/instrument systems, quality control metal detection; magnetic separators; cleaning/sanitizing equipment & supplies (magnetic).

Graan Elevator Maatschappy (G.E.M.) B.V. ★
Affiliate of HES Beheer N.V.
P.O. Box 1151, 3180 AD Rozenburg Z-H,
NETHERLANDS;
PH: 01819/62988; FAX: 01819/58144; TLX: 29881 (GEMEU NL).
OTHER OFFICES: Rotterdam (GEM Bottek Terminal)
CONTACT: N. C. van Viersen, PR Mgr.
Warehousing: export/import, ocean port terminal.

Liquid Filtration Consultants (LFC) ★
Lochem BV, Havenstraat 5, P.O. Box 35,
Lochem 7240 AA, NETHERLANDS;
PH: 31/05730-54631; FAX: 31/05730-57132;
TLX: 49326.
OTHER OFFICES: Dunedin, FL (Florida Industrial Filters)
CONTACT: Frank Veldkamp, Comm. Dir.
Screeners/screening equipment (filter screens and filter elements); bleaching & filtering equipment; filter presses; hydrogenation equipment; consultants, equipment.

Rotterdamsche Margarine Industrie (ROMI) BV
Affiliate of Koninklijke Smilde, Hesrenveen
Kon. Wilhelminahaven NZ 17, P.O. Box 20,
Vlaardingen 3130 AA, NETHERLANDS;
PH: 31/10/434-0311; FAX: 31/10/435-3627;
TLX: 25770.
CONTACT: L. Albert van Marion, Dir.
Bleaching & filtering equipment; bleaching clays/earths; crude oil storage (tanks); deodorization equipment; hydrogenation equipment; analytical laboratory equipment; waste water treatment equipment. news wires, commodity, publications/informational services;

NORWAY

Norsk Hydro Electrolysers
P.O. Box 70, Notodden N-3671, NORWAY;
PH: 47/36-17100; FAX: 47/36-12003;
TLX: 21124 (HYDRO N).
OTHER OFFICES: Chester, ENGLAND
CONTACT: Per H. Claussen, Mkting. Mgr.
Hydrogen generation equipment.

Stord International A.S.
Affiliate of Aker
C. Sundtsgt. 29, P.O. Box 777,
Bergen 5001, NORWAY;
PH: 47/5/210400; FAX: 47/5/210444;
TLX: 42051 (STOBA).
OTHER OFFICES: Greensboro, NC (Stord Inc.); Tokyo, JAPAN (Stord Japan Ltd.); Bangkok, THAILAND (Stord Thailand Co. Ltd.)
CONTACT: Per Mathismoen, Dir., Mkting.
Drying & aeration equipment, grain dryers, meal dryers; presses, continuous screw.

PHILIPPINES

Equipro Industrial Company Inc. ★
Affiliate of Compagnie Financière De Smet S.A.
119 Amorsolo Street, Don Pablo Building,
Room 300, Legaspi Village, Makati, Metro
Manilla, PHILIPPINES;
PH: 63/2/817-3728; FAX: 63/2/817-6423;
TLX: 66607 (EQO PN).
OTHER OFFICES: Antwerp (Extraction De Smet S.A.), Hull, (De Smet Rosedowns Ltd.), ENGLAND
CONTACT: L. Nepomuceno, Mgr.
Soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw, hydraulic; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, caustic/alkali suppliers, physical; soapstock equipment; waste water treatment equipment; analytical laboratories; computer process control, hardware, programming, software; construction contractors, complete plants; contract research (pilot scale); engineering services; inspection services.

SINGAPORE

Alfa-Laval South East Asia Pte. Ltd. ★
Affiliate of Alfa Laval Food Engineering AB (Sweden)
No. 11, Joo Koon Circle, Jurong 2262,
SINGAPORE;
PH: 65/862-2711; FAX: 65/862-3072;
TLX: RS 50100 (ALFAVAL).
OTHER OFFICES: Lund, SWEDEN (Alfa-Laval Food Eng. AB)
CONTACT: Monica Kjellker Gimre, R & D Mgr.
Centrifuges; heat exchangers; soymilk & tofu equipment & supplies; soy protein equipment & supplies; cleaning/sanitizing equipment & supplies; analytical laboratories; computer process control, programming, software; consultants, product development; engineering services.

See Our Advertisement P. 131

De Smet (Engineering) S.E. Asia Pte. Ltd. ★
Affiliate of Compagnie Financière De Smet S.A.
11 Dhoby Ghaut, #13-10 Cathay Building,
Singapore 0922, SINGAPORE;
PH: 65/337-1488; FAX: 65/336-0278;
TLX: 55274 (DSS ENG).
OTHER OFFICES: Antwerp (Extraction De Smet S.A.), Hull, (De Smet Rosedowns Ltd.), ENGLAND
CONTACT: K. Knorpp, Mgr.
Soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw, hydraulic; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, caustic/alkali suppliers, physical; soapstock equipment; waste water treatment equipment; analytical laboratories; computer process control, hardware, programming, software; construction contractors, complete plants; contract research (pilot scale); engineering services; inspection services.

SPAIN

Cereol Iberica, S.A. ★
P.O. Box 582, El Burgo,
La Coruña 15080, SPAIN;
PH: 34/81/66.12.50; FAX: 34/81/66.38.11.
CONTACT: Ramon Pitarque, Mgr.
Air classifiers; aspirators, instruments/instrument systems, grain analyzers; moisture testers; oil/protein/fiber analyzers; soybean storage equipment and supplies, elevator and silo storage; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers; flaking & cracking equipment; presses; solvent extraction equipment; solvents; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; filter presses; heat exchangers; refining/neutralization equipment, conventional caustic; soapstock equipment; winterization equipment; analytical laboratories.

De Smet Espana S.A. ★
Affiliate of Compagnie Financière De Smet S.A.
Colombia 64-7ª A, Madrid 28016, SPAIN;
PH: 34/1/415-8100; FAX: 34/1/415-8150;
TLX: 22495 (DESPA E).
OTHER OFFICES: Antwerp (Extraction De Smet S.A.), Hull, (De Smet Rosedowns Ltd.), ENGLAND
CONTACT: A. Parres, Mgr.
Soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw, hydraulic; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; crude oil

storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, caustic/alkali suppliers, physical; soapstock equipment; waste water treatment equipment; analytical laboratories; computer process control, hardware, programming, software; construction contractors, complete plants; contract research (pilot scale); engineering services; inspection services.

SWEDEN

AB Pellerin/Zenith ★
Lenngrensgatan 7, P.O. Box 3009, Helsingborg
S-250 03, SWEDEN;
PH: 046/42/146240; FAX: 46/42/146240 or 122770; TLX: 72429 (ZENITH).
CONTACT: Yngve Hoffmann, Man. Dir.
Bleaching & filtering equipment; refining/neutralization equipment, chemical.

Alfa-Laval Beverage Systems A.B. ★
MAIN OFFICE: Fruit Systems, Bryggaregatan 23, P.O. Box 64, S-221 00 Lund, SWEDEN;
PH: 46/46/105000; FAX: 46/46/115367;
TLX: 33225 (ALLUND S).
OTHER OFFICES: SINGAPORE (Alfa-Laval S.E.A.)
CONTACT: Monica Gimre (at Alfa-Laval S.E.A in Singapore)
Instruments/instrument systems, flow measurement; centrifuges; heat exchangers; soymilk & tofu equipment & supplies; soy protein equipment & supplies; cleaning/sanitizing equipment & supplies; computer process control, hardware, programming, software; engineering services.

See Our Advertisement P. 131

Alfa-Laval Fats & Oil Systems AB
Tumba S-147 80, SWEDEN;
PH: 46/753-65000; FAX: 46/753-39582;
TLX: 10260 (ALSTO S).
CONTACT: Dept. FR
Bleaching & filtering equipment; degumming equipment; deodorization equipment; fat splitters; filter presses; heat exchangers; hydrogen generation equipment; hydrogenation equipment; oil dryers; refining/neutralization equipment, conventional caustic, physical; soapstock equipment; winterization equipment.

Kamas Industri AB
Verkstadsgatan, Vellinge S-235 82 , SWEDEN;
PH: 46/40-420750; FAX: 46/40-424168;
TLX: 32443 (KAMAS S).
CONTACT: Leif Christensson, Pres.
Air classifiers; aspirators; bagging equipment; conveyors (drag or en masse); commercial grain cleaners; dust control systems & supplies; instruments/instrument systems, automatic samplers.

The Lactosoy Agency ★
P.O. Box 19002,
S-250 19 Helsingborg, SWEDEN;
PH: 46/42/92776; FAX: 46/42/92705.
CONTACT: Anders Lindner
Consultants, equipment (soymilk), industrial processes (soymilk), marketing.

See Our Advertisement P. 111

AB Svegma
Skara vägen 20, P.O. Box 400,
Kvånum 53500, SWEDEN;
PH: 0512/92410; FAX: 0512/92111.
CONTACT: Frederick Brian, Export Sales Mgr.
Elevator & silo storage; drying & aeration equipment, conditioners & coolers, grain dryers; meal handling equipment, hammer mills, mixing equipment (dry); heat exchangers.

TAIWAN

Food Industry Research & Development Institute
331 Food Road., P.O. Box 246, Hsinchu
30038, TAIWAN;
PH: 886/035/223191;
FAX: 886/035/214016.
CONTACT: Yin-Yin Liu, Dir.
Analytical laboratories; computer process control, hardware, programming, software; consultants, industrial processes, product development; contract research (pilot scale); inspection services.

Goodwin Engineering & Trading, Inc.
6F, No. 102, Sec. 2, Chung Shan N. Road,
P.O. Box 68-14-96, Taipei 10449, TAIWAN;
PH: 886/2/541-1848;
TLX: 28815 (GOODWINC).
CONTACT: Stanley Li, Man. Dir.
Dust control systems & supplies; instruments/instrument systems, material level; soybean storage equipment & supplies, elevator & silo storage; cookers/extruders; meal handling equipment, hammer mills, mixing equipment (dry), pelleting equipment.

I-Tung Machinery Industry Company, Ltd.
No. 15, Lane 523, Cheng Teh Road,
Taipei 10323, TAIWAN;
PH: 886/2/594-2116; TLX: 13381 (ITUNGMAC).
CONTACT: L. S. Lee, Pres.
Bags, bagging equipment; dust control systems & supplies; scales; soybean storage equipment & supplies, elevator & silo storage.

Ta Ti Hsing Machinery Company, Ltd.
No. 181 Yu Sen Street, P.O. Box 11, Taoyuan
33038, TAIWAN;
PH: 886/33/618525 or 621848 or 622907;
TLX: 25668 (RUTANTPE).
CONTACT: C. W. Cho, Gen. Mgr.
Cookers/extruders; presses, continuous screw, hydraulic; soymilk & tofu equipment & systems.

TURKEY

Step Ltd. STI ★
Affiliate of Compagnie Financière De Smet S.A.
Miralay Sefik Bey Sokak 19/2, Gumussuyu,
Taksim, Istanbul, TURKEY;
PH: 90/1/149-5325; FAX: 90/1/145-5872;
TLX: 25073 (DST TR).
OTHER OFFICES: Antwerp (Extraction De Smet S.A.), Hull, (De Smet Rosedowns Ltd.), ENGLAND
CONTACT: B. Couteaux, Mgr.
Soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw, hydraulic; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, normal; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, caustic/alkali suppliers, physical; soapstock equipment; waste water treatment equipment; analytical laboratories; computer process control, hardware, programming, software; construction contractors, complete plants; contract research (pilot scale); engineering services; inspection services.

UNITED STATES OF AMERICA (U.S.A.)

A.G.M.E. International Enterprise Corp. ★
23 Alpine Drive,
Lincoln Park, NJ, 07035 U.S.A.;
PH: 201/633-3986; FAX: 201/694-1164.
CONTACT: Manny Eljadi, Pres.
Consultants, equipment, plant layout, industrial processes, marketing, product development; engineering services; inspection services; spent catalyst recyclers; weighing services & surveys.

A-Lert Corporation ★
401 N. 6th Street, P.O. Box 531,
Fredonia, KS, 66736-0531 U.S.A.;
PH: 316/378-4401; FAX: 316/378-3900.
CONTACT: Laurel D. McClellan, Pres., Millwright Div.
Construction contractors, complete plants.

Abel, Daft & Earley ★
1410 King Street,
Alexandria, VA, 22314 U.S.A.;
PH: 703/739-9090; FAX: 703/739-9098.
CONTACT: Martin E. Abel, Pres.
Consultants, marketing; publications/informational services.

Abel Manufacturing Company, Inc. ★
1100 N. Mayflower Drive, P.O. Box 757,
Appleton, WI, 54915 U.S.A.;
PH: 414/734-4443; FAX: 414/734-1084.
CONTACT: Donald H. Abel, Sr., Pres. or Donald B. Abel, Vice Pres.
Instruments/instrument systems, control, flow measurement, loading & unloading equipment, railroad, truck; scales; soybean storage equipment & supplies, elevator & silo storage, (bin systems). computer process control, hardware, programming, software; consultants, plant layout.

Abrasion Engineering, Inc.
5626 Maxwell, St. Louis, MO, 63123 U.S.A.;
PH: 314/352-8316.
CONTACT: David E. Altis, Pres.
Conveyors (drag or en masse), ceramic lined screw conveyors and troughs.

★ Updated Listing
★★ New Listing

ACI Industries, Ltd. ★
5900 Cromdale Drive,
Dublin, OH, 43017 U.S.A.;
PH: 614/764-8566; FAX: 614/764-7803;
TLX: (MCI) 697-2239 (ACI UW).
OTHER OFFICES: Brussels, BELGIUM
CONTACT: Helen Harper, Comm. Dir.
Spent catalyst recyclers.

Adasco, Inc. ★
4954 Brunswick Road,
Mound, MN, 55364 U.S.A.;
PH: 612/471-0672.
Air classifiers; commercial grain cleaners; dust control systems & supplies; screeners/screening equipment; used equipment; consultants, plant layout.

Advanced Foods Systems ★
69 Veronica Avenue,
Somerset, NJ, 08873 U.S.A.;
PH: 908/828-7878; FAX: 908/828-5938.
CONTACT: Yonkeun Joh, Pres.
Consultants, plant layout, product development; contract research (pilot scale).

Aeroglide Corporation ★
P.O. Box 29505,
Raleigh, NC, 27626-0505 U.S.A.;
PH: 919/851-2000; FAX: 919/851-6029.
TLX: 579421 (AEROGLIDE RAL).
CONTACT: Hal E. Bland, Mgr., Bus. Dev.
Drying & aeration equipment, grain dryers.

Ag Marketing Services, Inc.
220 E. Main Street, Box 1176,
Mankato, MN, 56001 U.S.A.;
PH: 507/625-1241; FAX: 507/625-4050.
CONTACT: Lery Louwagie, Pres.
Consultants, marketing, publications/informational services.

Ag-Bag Corporation ★
2320 S.E. Ag-Bag Lane,
Warrenton, OR, 97146 U.S.A.;
PH: 503/861-1644; FAX: 503/861-2527;
TLX: 151034.
CONTACT: Jeanne Seppa, Adv. Coordinator
Bags, bagging equipment (grain bagging).

Ag-Data, Inc.
218 E. Center Street, P.O. Box 707,
Sikeston, MO, 63801 U.S.A.;
PH: 314/471-0081.
CONTACT: Sammy C. Flagg, Pres.
Consultants, marketing.

Agmet Metals, Inc.
P.O. Box 39338, Solon, OH, 44139 U.S.A.;
PH: 216/439-7400; FAX: 216/439-7446;
TLX: (EASYLINK) 469801.
CONTACT: Dennis J. Dunagan, Sales Mgr.
Spent catalyst recyclers; transportation, trucking firm; warehousing: export/import, U.S. interior port.

Agra Erectors, Inc. ★
5352 Sebring Warner Road, P.O. Box 635,
Greenville, OH, 45331 U.S.A.;
PH: 513/548-6338.
CONTACT: Greg A. Swabb, Pres.
Air classifiers; aspirators; bags, bagging equipment; dust control systems & supplies; loading & unloading equipment, barge, railroad, ship, truck; scales; soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; drying & aeration equipment, grain dryers; meal handling equipment, hammer mills, mixing equipment (dry), pelleting equipment, pulverizing equipment; used equipment; construction contractors, complete plants; consultants, equipment, plant layout.

Agri-View ★★
700 East State St., Iola, WI, 54990 U.S.A.;
PH: 715/445-2214; FAX: 715/445-4389.
News wires, commodity.

Alabama State Docks Public Grain Export Elevator
P.O. Box 1588, Mobile, AL, 36633 U.S.A.;
PH: 205/690-6063; FAX: 205/690-6667.
OTHER OFFICES: New York, NY; Chicago, IL; Birmingham, AL
CONTACT: Hal Hudgins, Grain Mkting. Mgr.
Warehousing: export/import, ocean port terminal.

All-State Belting Company
1824 Industrial Circle,
W. Des Moines, IA, 50265 U.S.A.;
PH: 515/223-5843; FAX: 515/223-8305.
OTHER OFFICES: Charlotte, NC; Dallas, TX
CONTACT: Andrew J. Flynn, Inside Sales Mgr.
Conveyor belting.

American Colloid Company ★
1500 W. Shure Drive,
Arlington Heights, IL, 60004 U.S.A.;
PH: 708/392-4600; FAX: 708/506-6167;
TLX: (ITT) 433-0321.
OTHER OFFICES: Mounds, IL (Absorbent Clay Products); Lovell, WY; Letohatchee, AL
CONTACT: Robert Steele, Vice Pres., Sales & Mkting.
Anti-caking agents; bleaching clays/earths; waste water treatment equipment and chemicals.

American Commercial Barge Line Company
1701 E. Market Street, P.O. Box 610,
Jeffersonville, IN, 47130 U.S.A.;
PH: 812/288-0100; FAX: 812/288-1664.
CONTACT: Alan B. Hecht, Sr. Dir., Grain Freight Sales
Transportation, barge line.

American Drying Systems, Inc.
Affiliate of Atlas Metal Industries, Inc.
1135 N.W. 159th Drive,
Miami, FL, 33169 U.S.A.;
PH: 305/625-2451; FAX: 305/623-0475.
CONTACT: James Thompson, Man. Dir.
Drying & aeration equipment, grain dryers.

American Lecithin Company ★
Affiliate of Nattermann Phospholipids Inc.
33 Turner Road, P.O. Box 1908,
Danbury, CT, 06813-1908 U.S.A.;
PH: 203/790-2700; FAX: 203/790-2705.
CONTACT: Randy Zigmont, Pres.
Antioxidants; emulsifiers.

AMLON Metals Inc. ★★
Investment Recovery Dept., 40 Rector St.,
New York, NY, 10006 U.S.A.;
PH: 212/742-1043; FAX: 212/227-4028.
CONTACT: James A. Lassner
Hydrogenation catalysts; spent catalyst recyclers.

Anacon
117 South Street,
Hopkinton, MA, 01748 U.S.A.;
PH: 508/481-7888; FAX: 508/435-6677.
CONTACT: Brian Conway, Sales Mgr.
Instruments/instrument systems, moisture testers, oil/protein/fiber analyzers.

Anderson International Corp. ★
6200 Harvard Avenue,
Cleveland, OH, 44105 U.S.A.;
PH: 216/641-1112; FAX: 216/641-0709;
TLX: (ITT) 980259 (ANDERINTL CLV).
CONTACT: Vincent J. Vavpot, Dir. of Mkting.
Cookers/extruders/roasters; drying & aeration equipment, grain dryers, meal dryers; presses, continuous screw.

See Our Advertisement P. 9 & 144

Andritz Spout Bauer, Inc.
Affiliate of Andritz, Austria
Sherman Street, Muncy, PA, 17756 U.S.A.;
PH: 717/546-8211; FAX: 717/546-1140;
TWX: 841411.
CONTACT: Gary Staggs, Vice Pres., Mkting.
Aspirators; loading & unloading equipment, railroad; cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers; meal handling equipment, mixing equipment (dry), pelleting equipment, pulverizing equipment; milling equipment supplies, spare parts & repair; screeners/screening equipment; waste water treatment equipment.

APM Technology Inc.
78 Main Street, P.O. Box 575,
Madison, NJ, 07940-0575 U.S.A.;
PH: 201/966-1245; FAX: 201/966-1651.
CONTACT: Joseph Sclaretta, Pres.
Air classifiers; dust control systems & supplies; meal handling equipment, mixing equipment (dry); milling equipment supplies, spare parts & repair; screeners/screening equipment; solvent extraction distillation equipment; filter presses; analytical laboratory equipment; waste water treatment equipment.

APV Crepaco, Inc. ★
Affiliate of APV plc
100 S. CP Avenue,
Lake Mills, WI, 53551 U.S.A.;
PH: 708/678-4300; FAX: 708/678-4407.
OTHER OFFICES: Lake Mills, WI; Tonawanda, NY; Attleboro Falls, MA; Austin, TX; SALES OFFICES: Chicago, IL; Los Angeles, CA; Dallas, TX; Nashville, TN; Montvale, NJ
CONTACT: Steven Harris, Marketing Dir..
Conveyors (drag or en masse); cookers/extruders/roasters; drying & aeration equipment, meal dryers; meal handling equipment, mixing equipment (dry); solvent extraction equipment; condensers; solvent extraction distillation equipment; agitators (liquid); deodorization equipment; fatty acid distillation equipment; heat exchangers; margarine equipment; shortening equipment; soymilk & tofu equipment & supplies; soyfoods packaging equipment & supplies; soy protein equipment & supplies; waste water treatment equipment; computer process control, hardware, programming, software; construction contractors, complete plants; consultants, equipment, industrial processes, plant layout, product development.

Arista Industries, Inc. ★
1082 Post Road, Darien, CT, 06820 U.S.A.;
PH: 203/655-0881; FAX: 203/656-0328;
TLX: 996493 (HACKBEN DARN).
CONTACT: Charles Hillyer, Vice Pres.
Transportation, ocean freight line, trucking firm; warehousing: export/import, U.S. interior port;

Arrowhead Marketing Services Inc. ★
5155 E. 51st Street, Suite 110,
Tulsa, OK, 74135 U.S.A.;
PH: 918/665-3303; FAX: 918/665-6548.
CONTACT: Jerry H. Snedden, Vice Pres., Mkting. & Sales
Solvents; caustic/alkali suppliers.

Artisan Industries, Inc.
73 Pond Street,
Waltham, MA, 02254-9193 U.S.A.;
PH: 617/893-6800; FAX: 617/647-0143.
CONTACT: Craig W. Angell, Vice Pres.
Solvent extraction equipment; solvent extraction distillation equipment; waste water treatment equipment; consultants, equipment, industrial processes; engineering services.

ASI Instruments, Inc. ★
8570 Katy Freeway, Suite 116,
Houston, TX, 77024 U.S.A.;
PH: 713/461-4535 or 800/245-7056;
FAX: 713/461-7348.
CONTACT: Bill Walker, Gen. Sales Mgr.
Instruments/instrument systems, material level.

Associated Laboratories
806 North Batavia, Orange, CA, 92668 U.S.A.;
PH: 714/771-6900; FAX: 714/538-1209.
CONTACT: Henry M. Espoy, Vice Pres.
Analytical laboratories.

Atomergic Chemetals Corporation ★
222 Sherwood Avenue,
Farmingdale, NY, 11735-1718 U.S.A.;
PH: 516/694-9000; FAX: 516/694-9177;
TLX: 6852289.
CONTACT: Paula Weiss, Mkting. Mgr.
Refining/neutralization equipment, chemical; antioxidants; emulsifiers.

Auro Technology Inc. ★★
Affiliate of International Flavors & Fragrances
P.O. Box 774, Menomonee Falls,
WI, 53052 U.S.A.;
PH: 414/251-0086; FAX: 414/251-0987.
CONTACT: Dr. N.R. Gandhi, President
Consultants, product development, contract research (pilot scale).

AUS Consultants - IAG ★★
Affiliate of AUS, Inc.
200 Four Falls Corporate Center, Suite 308,
West Conshohocken, PA, 19428-2967 U.S.A.;
PH: 215/834-0402; FAX: 215/834-0477.
Consultants, marketing.

The Austin Company - Process Division ★
Affiliate of The Austin Company
2001 Rand Road,
Des Plaines, IL, 60016 U.S.A.;
PH. 708/391-4300; FAX: 708/391-4546.
CONTACT: S.A. Brown, Chief Process Engineer
Construction contractors, complete plants.

Automatic Equipment Mfg. Company ★
One Mill Road, P.O. Box P,
Pender, NE, 68047 U.S.A.;
PH: 402/385-3051; FAX: 402/385-3360.
CONTACT: Jay Hesse, Pres.
Flaking & cracking equipment; milling equipment supplies, spare parts & repair (roller mills).

Autoprod, Inc. ★
Affiliate of the Aluminum Company of America
5355 115th Avenue, No.,
Clearwater, FL, 35620 U.S.A.;
PH: 813/572-7753; FAX: 813/572-8298.
CONTACT: Paul De Socio, Pres.
Soyfoods packaging equipment & supplies.

B.N.W. Industries ★
Division of Lee E. Norris Const. & Gr. Co. Inc.
Route #1, Box 341,
Mentone, IN, 46539 U.S.A.;
PH: 219/353-7855; FAX: 219/353-8152.
CONTACT: Lee Norris, Pres.
Drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers.

Charles V. Bacon, Inc.
P.O. Box 97, Marrero, LA, 70073 U.S.A.;
PH: 504/347-1468; TWX: 810-951-5260 (CHARBACON MARR); FAX: 504/340-3943.
OTHER OFFICES: Irvington, NJ; Galena Park, TX; Lemont, IL
CONTACT: Jack Riley, Vice Pres.
Analytical laboratories; inspection services, weighing services & surveys.

Baker Rullman Mfg. Inc.
4 E. Main Street, P.O. Box 67,
Watertown, WI, 53094 U.S.A.;
PH: 414/261-8107; FAX: 414/261-0425.
OTHER OFFICES: Washington, IL; Springfield, OH
CONTACT: Robert Park, Regional Sales Mgr.
Soybean storage equipment & supplies, buildings (flat storage); elevator & silo storage; construction contractors, complete plants; consultants, equipment, plant layout; engineering services.

BAR N.A., Inc.
205 S. Main Street, P.O. Box 190,
Seymour, IL, 61875 U.S.A.;
PH: 217/687-4810; FAX: 217/687-4830; TLX: 754477 (BAR NA UD).
CONTACT: Julie Ohlsson, Admin. Asst.
Air classifiers; aspirators; bags, bagging equipment; commercial grain cleaners; conveyors (drag or en masse); instruments/instrument systems, moisture testers; cookers/extruders/roasters; dehulling equipment; meal handling equipment, mixing equipment (dry), pulverizing equipment; milling equipment supplies, spare parts & repair; presses, continuous screw; screeners/screening equipment; agitators (liquid); bleaching & filtering equipment; centrifuges; degumming equipment; filter presses; heat exchangers; soymilk & tofu equipment & supplies; soyfoods packaging equipment & supplies; soy protein equipment & supplies; used equipment; construction contractors, complete plants; contract research (pilot scale).

Bartlett and Company ★
4800 Main Street, Suite 600,
Kansas City, MO, 64112- U.S.A.;
PH: 816/753-6300; FAX: 816/753-0062;
TLX: 510-601-6803 (BART GRAIN KSC).
CONTACT: Duncan Wilson, Merchandiser
Warehousing: export/import, bulk liquid storage.

Bean Machines, Inc. ★
P.O. Box 2122, Mill Valley, CA, 94942 U.S.A.;
PH: 415/285-9411; FAX: 415/285-4963.
CONTACT: Wally Rogers, Pres.
Soymilk & tofu equipment & supplies; soyfoods packaging equipment & supplies; soy protein equipment & supplies; used equipment; conveyors (drag or en masse); cookers/extruders/roasters; dehulling equipment; meal handling equipment, mixing equipment (dry), hammermills; milling equipment supplies, spare parts & repair; heat exchangers; consultants, equipment, plant layout, product development.

See Our Ads P. 137 & 145

Beard Industries ★
R.R. #6, Box 19, Frankfort, IN, 46041 U.S.A.;
PH: 317/654-8517; 800/541-7900;
FAX: 317/654-8510.
CONTACT: William J. Beard, Pres.
Drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers.

Ken Becker Associates Inc. ★
2744 SW Villa West Drive #145, Topeka, KS, 66614 U.S.A.; FAX: 913/232-1763..
CONTACT: Kenneth Becker, Pres.
Consultants, equipment, industrial processes, plant layout, product development; engineering services.

Behlen Mfg. Co. ★
East Highway 30, P.O. Box 569, Columbus, NE, 68602-0569 U.S.A.;
PH: 402/564-3111; FAX: 402/563-7405;
TLX: 6875051 (BHLEN UW).
CONTACT: Lyle Burbach, Mkting. Mgr., Ag. Prod. Div.
Conveyors (drag or en masse); instruments/instrument systems, control; loading & unloading equipment, railroad, truck; soybean storage equipment & supplies, building (flat storage), elevator & silo storage; drying & aeration equipment, grain dryers.

Benson-Quinn Company ★
1075 Grain Exchange Building (North), P.O. Box 15226, Minneapolis, MN, 55415-0226 U.S.A.;
PH: 612/340-5900; FAX: 612/340-1416.
CONTACT: Laurence Neumann, CEO
Consultants, marketing.

BEPEX
Affiliate of Berwind Corp.
3 Crossroads of Commerce,
Rolling Meadows, IL, 60008 U.S.A.;
PH: 708/506-0100; FAX: 708/506-0116.
OTHER OFFICES: Minneapolis, MN; Santa Rosa, CA
CONTACT: Tom Feldkamp, Vice Pres., Sales
Cookers/extruders/roasters; coolers, fluidized bed; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; meal handling equipment, hammer mills, mixing equipment (dry), pelleting equipment, pulverizing equipment; presses, continuous screw.

Bindicator ★
1915 Dove Street, P.O. Box 610009,
Port Huron, MI, 48061-0009 U.S.A.;
PH: 313/987-2700; FAX: 313/987-2700.
CONTACT: Peggy Bugaiski, Cust. Serv. Mgr.
Dust control systems & supplies; instruments/instrument systems, control, material level, warning systems; waste water treatment equipment.

Bock Engineered Products, Inc.
3600 Summit Street, P.O. Box 5127,
Toledo, OH, 43611 U.S.A.;
PH: 419/726-2645; FAX: 419/726-8583.
CONTACT: David Long, Vice Pres., Mkting.
Solvent extraction equipment; centrifuges; waste water treatment equipment (centrifuges).

Bollheimer & Associates, Inc. ★
P.O. Box 12551, Memphis, TN, 38182 U.S.A.;
PH: 901/726-4829; FAX: 901/276-7559.
CONTACT: Philip Bollheimer, Pres.
Computer process control, hardware, programming, software; consultants, equipment, plant layout; engineering services.

Borton, Inc. ★
200 E. 1st Street, P.O. Box 2108,
Hutchinson, KS, 67504-2108 U.S.A.;
PH: 316/669-8211; FAX: 316/662-3225.
CONTACT: Jon Herrmann, Sales Mgr.
Soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; construction contractors, complete plants, protein plants.

BPM Industries
1150 Junction Avenue,
Schererville, IN, 46375 U.S.A.;
PH: 219/322-2560 or 800/428-3311;
FAX: 219/322-8533.
OTHER OFFICES: Cleveland, OH
CONTACT: John T. Hartman, Corp. Dir. of Sales
Waste water treatment equipment, extraction plants, refineries; analytical laboratories; consultants; engineering services.

C. W. Brabender Instruments, Inc.
50 East Wesley Street,
So. Hackensack, NJ, 07606 U.S.A.;
PH: 201/343-8425; FAX: 201/343-0608.
CONTACT: Kathleen Gaito, Adv. Mgr.
Commercial grain cleaners; instruments/instrument systems, grain analyzers, moisture testers; cookers/extruders; drying & aeration equipment, grain dryers; meal handling equipment, mixing equipment (dry), pelleting equipment; analytical laboratory equipment.

Ross Brian and Associates
81 Country Club Drive,
Danville, IL, 61832 U.S.A.;
PH: 217/443-2605.
CONTACT: Ross Brian, Owner
Consultants, equipment, industrial processes, plant layout; engineering services.

Carl G. Brimmekamp & Company, Inc. ★
537 Steamboat Road,
Greenwich, CT, 06830 U.S.A.;
PH: 203/622-6300; FAX: 203/622-6333.
OTHER OFFICES: San Francisco, CT; Houston, TX; Naples, FL.
CONTACT: Dieter Langendorf, Exec. Vice Pres.
Bags, bagging equipment; conveyors (drag or en masse); loading & unloading equipment, barge, ship; flaking & cracking equipment; milling equipment supplies, spare parts & repair.

Brinkmann Instruments, Inc. ★★
1 Cantiague Road, P.O. Box 1019,
Westbury, NY, 11590-0207 U.S.A.;
PH: 516/334-7500 ; FAX: 516/334-7506.
OTHER OFFICES: Rexdale, (Toronto) Ontario, CANADA; Des Plaines, IL; Houston, TX; Burlingame, CA.
CONTACT: C. Shevchenko, Sr. Adv. Spec.
Instruments/instrument systems, grain analyzers, moisture testers, oil/protein/fiber analyzers; analytical laboratory equipment.

Richard A. Brock & Associates
2050 W. Good Hope Road,
Milwaukee, WI, 53209 U.S.A.;
PH: 414/351-5500; FAX: 414/351-3140.
CONTACT: Larry Graham, Exec. Vice Pres.
Consultants, marketing; publications/informational services.

Buhler Inc. ★
1100 Xenium Lane, P.O. Box 9497,
Minneapolis, MN, 55440 U.S.A.;
PH: 612/545-1401; FAX: 612/540-9246.
CONTACT: Clemenz Bahr, Group Gen. Mgr.
Aspirators; conveyors (drag or en masse); commercial grain cleaners; dust control systems & supplies; loading & unloading equipment, barge, railroad, ship, truck; scales; cookers/extruders/roasters; coolers, fluidized bed; dehulling equipment; flaking & cracking equipment, pelleting equipment, pulverizing equipment; milling equipment, spare parts & repair; screeners/screening equipment.

See Our Advertisement P. 100

Business Trend Analysts, Inc.
2171 Jericho Turnpike, Suite 200,
Commack, NY, 11725 U.S.A.;
PH: 516/462-5454; FAX: 516/462-1842.
OTHER OFFICES: Cleveland Heights, OH (Leading Edge Reports Inc.)
CONTACT: Michael Giudice, Gen. Mgr.
Consultants, marketing; publications/informational services.

Buss (America), Inc. ★
Affiliate of Buss A.G., Basel, SWITZERLAND
230 Covington Drive,
Bloomingdale, IL, 60108 U.S.A.;
PH: 708/307-9900; FAX: 708/307-9905.
CONTACT: Edmund Meier, Prod. Mgr., Food Mach.
Cookers/extruders/roasters.

Caleb Brett U.S.A., Inc. ★
4300 Firestone Road, P.O. Box 10426,
Jefferson, LA, 70181-0426 U.S.A.;
PH: 504/733-6661; FAX 504/733-3518.
OTHER OFFICES: Hoogvliet, NETHERLANDS (Caleb Brett & Son (Continentaal) B.V.)
CONTACT: Harvey P. Becnel, Mgr.
analytical laboratories; inspection services; weighing services & surveys.

California Pellet Mill Company (CPM)
1114 E. Wabash Avenue, P.O. Box 647,
Crawfordsville, IN, 47933 U.S.A.;
PH: 317/362-2600; FAX: 317/362-7551.
OTHER OFFICES: Waterloo, IA (Roskamp-Champion)
CONTACT: Lauren Reimer, Gen. Sales Mgr.
Meal handling equipment, pelleting equipment.

Calsicat
Affiliate of Mallinckrodt Specialty Chemicals Company
1707 Gaskell Avenue, Erie, PA, 16503 U.S.A.;
PH: 814/870-3900; FAX: 814/456-7686;
TLX: 914402.
CONTACT: Stephen Stempka, Sales Coord.
Hydrogenation catalysts.

CAMECO Industries, Honiron Division ★
400 S. Canal Street, P.O. Box 620,
Jeanerette, LA, 70544 U.S.A.;
PH: 318/276-6314; FAX: 318/276-6314.
OTHER OFFICES: Paris, FRANCE; Lelystad, NETHERLANDS
CONTACT: John L. Mestayer, Proj. Eng.
Conveyors (drag or en masse); solvent Extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; heat exchangers; oil dryers.

W. C. Cantrell Company ★
3245 May Street, P.O. Box 11216,
Fort Worth, TX, 76110 U.S.A.;
PH: 817/923-7382; FAX: 817/926-2009.
OTHER OFFICES: Cleveland, OH (Anderson Int'l.)
CONTACT: Don Berry, Sales Mgr.
Commercial grain cleaners; cookers/extruders/roasters; dehulling equipment; drying & aeration equipment, conditioners & coolers, meal dryers; meal handling equipment (hammer mills); milling equipment supplies, spare parts & repair; presses, continuous scrEw; screeners/screening equipment; used equipment; consultants, equipment, industrial processes, plant layout; engineering services.

Cardinal Scale Manufacturing Company ★★
203 E. Daugherty, P.O. Box 151,
Webb City, MO, 64870 U.S.A.;
PH: 417/673-4631; FAX: 417/673-5001.
CONTACT: Mr. Dave Lucas, VP Sales
Batching systems; scales, weighing & packaging equipment.

Cargill Analytical Services ★
405 8th Avenue, S.E.,
Cedar Rapids, IA, 52401 U.S.A.;
PH: 319/366-3570; FAX: 319/366-4018.
CONTACT: Nadine Drennan, Lab Mgr.
Analytical laboratories.

Cargill Investor Services ★
Affiliate of Cargill, Inc.
141 West Jackson Blvd., Suite 1800,
Chicago, IL, 60604 U.S.A.;
PH: 312/435-8300; FAX: 312/435-8386;
TLX: 256146 (CARINSERVE CTO).
OTHER OFFICES: Atlanta, GA; New York, NY; Minneapolis, MN; Kansas City, MO; Tokyo, JAPAN; London, ENGLAND; Taipei, TAIWAN; Sydney, AUSTRALIA; Hong Kong, ROC; Paris, FRANCE; Seoul, KOREA; Geneva & Zurich, SWITZERLAND
CONTACT: Steve Assimos, Mgr., Ag. Crop Sector
News wires, commodity.

Carter Day Company ★
Affiliate of Carter Day Industries, Inc.
500 73rd Avenue, N.E.,
Minneapolis, MN, 55432 U.S.A.;
PH: 612/571-1000; FAX: 612/571-3012.
OTHER OFFICES: Winnipeg, Manitoba, CANADA
CONTACT: Anthony G. Laos, V.P.
Aspirators; commercial grain cleaners; screeners/screening equipment; engineering services.

Carter Manufacturing Company, Inc.
Highway 123 South, P.O. Box 46,
Ariton, AL, 36311 U.S.A.;
PH: 205/762-2391; FAX: 205/762-2948.
OTHER OFFICES: Aulsuder, NC
CONTACT: Gil Robinson, Sales Mgr.
Aspirators; commercial grain cleaners; conveyors (drag or en masse); dust control systems & supplies; instruments/instrument systems, automatic samplers, material level; loading & unloading equipment, barge, railroad, ship, truck; soybean storage equipment & supplies, elevator & silo storage; computer process control, hardware, programming, software; construction contractors, complete plants; consultants, equipMent,plant layout; engineering services.

Carver, Inc.
P.O. Box 814449,
Dallas, TX, 75381-4449 U.S.A.;
PH: 214/241-9440; FAX: 214/386-6506; TLX: (TRT)163338 (CARVER UT).
OTHER OFFICES: Memphis, TN; E. Bridgewater, MA
CONTACT: J. E. Lee, Pres.
Air classifiers; aspirators; dust control systems & supplies; dehulling equipment; flaking & cracking equipment; screeners/screening equipment; consultants, equipment, plant layout; contract research (pilot scale).

Cedar Heights Clay Company
Affiliate of Resco Products, Inc.
P.O. Box 295,
Oak Hill, OH, 45656-0295 U.S.A.;
PH: 614/682-7794; FAX: 614/682-6438.
CONTACT: Steve Blankenbeker, Div. Engineer
Anti-caking agents.

Centrico, Inc. ★
MAIN OFFICE: 100 Fairway Court,
Northvale, NJ, 07647 U.S.A.;
PH: 201/767-3900; FAX: 201/767-3416.
CONTACT: Karl Klein, Gen. Mgr. West. Div. (415/349-8900)
Centrifuges; degumming equipment; refining/neutralization equipment, conventional caustic, caustic/alkali suppliers.

See Our Advertisement P. 4

Centrico, Inc. ★★
3400 Third Ave.,
Foster City, CA, 94404 U.S.A.;
PH: 415/349-8900; FAX: 415/349-4590.
CONTACT: Karl Klein, Gen. Mgr. West. Div.
Centrifuges; degumming equipment; refining/neutralization equipment, conventional caustic, caustic/aLkali suppliers.

The Chantland Company
A Division of Douglas & Lomason Company
P.O. Drawer A, Humboldt, IA, 50548 U.S.A.;
PH: 515/332-4040; FAX: 515/332-4923.
CONTACT: Richard D. Mattoon, Mkting. Mgr.
Bags, bagging equipment; conveyors (drag or en masse).

Chem-Staat Laboratories, Inc.
Doniphan & Francis Avenue, P.O. Box 789,
Neosho, MO, 64850 U.S.A.;
PH: 417/451-5973; FAX: 417/451-5478.
CONTACT: Garrett Staat, Jr., Pres.
Analytical laboratories.

Cherry-Burrell, Process Equipment Div.
P.O. Box 35600, Louisville, KY, 40232 U.S.A.;
PH: 502/491-4310; FAX: 502/499-3212.
CONTACT: Ed Wood, Adv. Mgr.
Cookers/extruders/roasters; deodorization equipment; heat exchangers; margarine equipment; shortening equipment.

Chew International
43 Fifth Avenue, New York, NY, 10003 U.S.A.;
PH: 212/242-5242.
CONTACT: Ralph H. Chew, Pres.
Publications/Informational services;

Chicago Board of Trade ★
141 W. Jackson, Chicago, IL, 60604 U.S.A.;
PH: 312/435-3500; FAX: 312/341-3027;
TLX: 253223.
CONTACT: Thomas Donovan, Pres.
News wires, commodity.

Chicago & North Western Transportation Company ★
1 North Western Center,
Chicago, IL, 60606 U.S.A.;
PH: 312/559-6842; FAX: 312/559-6495.
CONTACT: Donald Bergquist, Vice Pres., Sales & Mkting., Grain
Transportation; railroad company.

Chief Industries, Inc. ★
3942 W. Old Highway 30, P.O. Box 2078,
Grand Island, NE, 68802-2078 U.S.A.;
PH: 308/382-8820; FAX: 308/381-8475;
TWX: 910-629-3713 (CHIEF IND GRID).
OTHER OFFICES: Fort Dodge, IA (mfg.); Rensselaer, IN (mfg.); Kearney, NE (Caldwell Mfg. Co.—offices & mfg.)
CONTACT: Rollie Stroh, Sr. Vice Pres.
Soybean storage equipment & supplies, buildings (flat storage).

Chronos Richardson, Inc.
Formerly the Howe Richardson Company
403 Washington Blvd., Suite 15,
Mundelein, IL, 60060 U.S.A.;
PH: 708/566-7001; FAX: 708/566-7125.
CONTACT: John P. Igras, Area Sales Mgr.
Bags, bagging equipment; instruments/instrument systems, control, flow measurement; scales.

Chronos Richardson, Inc.
435 Hamburg Turnpike,
Wayne, NJ, 07470 U.S.A.;
PH: 201/595-7979; FAX: 201/595-6456.
OTHER OFFICES: Mundelein, IL
CONTACT: Lisa Jean Kackett, Mkting. Mgr.
Bags, bagging equipment; loading & unloading equipment, railroad, truck; scales.

Charles B. Chrystal Company, Inc. ★
25 Ann Street, New York, NY, 10038 U.S.A.;
PH: 212/227-2151; FAX: 212/233-7916;
TLX: 420803 (CBCC UI).
CONTACT: Peter D. Schnur, Pres.
Coagulants for tofu (nigari, calcium sulfate, calcium chloride).

See Our Advertisement P. 138

CMA Inc. ★
1120 Avenue of the Americas, 20th Floor,
New York, NY, 10036 U.S.A.;
PH: 212/382-1822; FAX: 212/382-2126.
OTHER OFFICES: Buenos Aires, ARGENTINA; Rio de Janeiro; São Paulo; Belo Horizonte; Brasilia; Curitiba; Florianopolis; Maringa; Porto Alegre; Salvador; Santos; Vitoria, BRAZIL; Madrid, SPAIN; Montevideo, URUGUAY
CONTACT: David Burgos, Controller
News wires, commodity (quotations).

Coallier Publishing Company
1060 Fulton Mall, Suite 1202,
Fresno, CA, 93721 U.S.A.;
PH: 209/237-1167; FAX: 209/237-4089.
CONTACT: Robert Corwin, Mkting. Mgr.
Publications/informational services.

Codema, Inc.
11790 Troy Lane, No.,
Minneapolis, MN, 55369-9377 U.S.A.;
PH: 612/428-2266; FAX: 612/428-4411.
CONTACT: Steve W. Parker, Vice Pres.
Aspirators; conveyors (drag or en masse); dust control systems & supplies; loading & unloading equipment, barge, railroad, ship and truck; dehulling equipment; meal handling equipment, hammer mills; screeners/screening equipment; used equipment.

Commonwealth Marketing & Development ★★
415 Congress Street, Suite 303,
Portland, ME, 04101 U.S.A.;
PH: 207/772-3648; FAX: 207/772-6689.
CONTACT: John Eldredge, Principal
Consultants, marketing.

Connell & Company ★
Part of The Connell Company
1100 Jorie Blvd., Suite 105,
Oak Brook, IL, 60521 U.S.A.;
PH: 708/574-7781; FAX: 708/574-7783.
OTHER OFFICES: WestfielD, NJ
CONTACT: Bob Linden, Vice Pres., Dir. of Mkting. & Consulting
Consultants, marketing.

Consolidated Grain and Barge Company ★
100 N. Broadway, 18th Floor,
St. Louis, MO, 63102 U.S.A.;
PH: 314/331-0500; FAX: 314/331-0506.
CONTACT: James Stitzlein, Mkting. Dev. Mgr.
Transportation, barge line; warehousing: export/import, U.S. interior port;

Consolidated Rail Corporation (CONRAIL)
933 One Liberty Place, 1650 Market Street,
Philadelphia, PA, 19103-7399 U.S.A.;
PH: 215/851-7880; FAX: 215/851-7820.
CONTACT: M. R. Behe, Dir., Agriculture
Transportation, railroad company.

Continental Agra Grain Equipment, Inc. ★★
P.O. Box 525,
Newton, KS, 67114-0525 U.S.A.;
PH: 316/283-9602; FAX: 316/283-9584.
CONTACT: Dan Hirschler, President
Bags, bagging equipment; commercial grain cleaners; conveyors (drag or en masse); instruments/instrument systems, automatic samplers, temperature monitors; loading & unloading equipment, barge, railroad, truck; meal handling equipment, hammermills, pelleting equipment; used equipment, machinery.

Continental Air Systems ★
P.O. Box 400, Winfield, AL, 35594 U.S.A.;
PH: 205/487-6492; FAX: 205/487-4233.
CONTACT: Keith Harrington, Sales.
Dust control systems & supplies.

Control Enterprises, Inc. ★
Professional Commerce Centre, 1808
Woodfield Drive, P.O. Box KK,
Savoy, IL, 61874 U.S.A.;
PH: 217/351-3117; FAX: 217/351-8576.
CONTACT: Charles E. Isdale, Pres.
InstrumentS/instrument systems, control; computer process control, software, programming; consultants, industrial processes; engineering services.

Cooperative Elevator of Greenwood ★
2000 Garrard Avenue, P.O. Box 392,
Greenwood, MS, 38930 U.S.A.;
PH: 601/453-5423.
OTHER OFFICES: Philipp, MS (Coop. Elevator)
CONTACT: Lester A. Shipley, Jr., Gen. Mgr.
Warehousing: export/import, U.S. interior port.

The Core Team ★
904 Rue de la Paix,
Hammond, LA, 70403 U.S.A.;
PH: 504/542-7405; FAX: 504/542-4794.
CONTACT: Norman J. Smallwood, Partner
Computer process control, hardware, software (for industrial applications); consultants, equipment, industrial processes (environmental protection - process wastewater treatment, solid waste disposal & odor control), plant layout (edible oil processing), product development; engineering services; inspection services, management analysis (organization development).

Country Grown Foods ★
Formerly Specialty Grain Company, 12202
Woodbine, RedfoRd, MI, 48239 U.S.A.;
PH: 313/535-9222; FAX: 313/535-9712.
CONTACT: David Singsank, Mkting. Dir.
Transportation, ocean freight line, trucking firm;

Crippen Manufacturing Company, Inc.
700 West End Street, P.O. Box 128,
Alma, MI, 48801 U.S.A.;
PH: 517/463-2119; FAX: 517/463-6643.
CONTACT: Doug Clark, Vice Pres.
Air classifiers; aspirators; commercial grain cleaners; screeners/screening equipment.

Crown Iron Works Company ★
Affiliate of Crown Holdings Inc.
P.O. Box 1364,
Minneapolis, MN, 55440-1364 U.S.A.;
PH: 612/639-8900; FAX: 612/639-8051;
TLX: 290204 (CROWN MSP).
OTHER OFFICES: Europa Crown Ltd., Humberside, ENGLAND; Crown Oiltek Sdn. Bhd., Selangor, MALAYSIA
CONTACT: Glenn D. Brueske, Vice Pres., Mkting.
Cookers/extruders/roasters; dehulling equipment; Drying & aeration equipment, conditioners & coolers; meal dryers; solvent extraction equipment; condensers; flake desolventizers; solvent extraction distillation equipment; solvent vapor detection & control; degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; filter presses; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, caustic/Alkali suppliers, physical.

See Our Advertisement P. 2

CRI-MET ★★
Affiliate of AMAX Metals Recovery, Inc.
101 Merritt 7 Corp. Park,
Norwalk, CT, 06856-5113 U.S.A.;
PH: 203/845-2957; FAX: 203/845-2997.
CONTACT: Lourdes Coblazo, Sales Rep.
Spent catalyst recyclers (nickel).

CSX Transportation ★
Affiliate of CSX Corp.
500 Water Street, 5/C J870,
Jacksonville, FL, 32202 U.S.A.;
PH: 904/366-5801; FAX: 904/366-5819.
OTHER OFFICES: RICHMOND, VA;
CONTACT: James H. Howarth, AVP Agricultural Products
Transportation, barge line, ocean freight line, railroad company, trucking firm.

Curtis & Tompkins Laboratories
2323 Fifth Street, Berkeley, CA, 94710 U.S.A.;
PH: 415/486-0900; FAX: 415/486-0532.
OTHER OFFICES: Los Angeles, Wilmington, CA
CONTACT: Bruce Godfrey, PRes.
Analytical laboratories; engineering services; inspection services; weighing services & surveys.

Dabney-Hoover Supply Company, Inc.
61 W. Georgia Street, P.O. Box 692,
Memphis, TN, 38101 U.S.A.;
PH: 901/523-8061; FAX: 901/523-8077.
CONTACT: C. W. Hoover III, Vice Pres.
Commercial grain cleaners; instruments/instrument systems, material level, moisture testers; loading & unloading equipment, barge, railroad, truck; soybean storage equipment & supplies, buildings, elevator & silo storage; drying & aeration equipment, grain dryers; meal handling equipment, hammer mills, mixing equipment (dry).

★ Updated Listing
★★ New Listing

Dairyland Seed Company, Inc.
3570 Hwy. H, P.O. Box 958,
West Bend, WI, 53095 U.S.A.;
PH: 414/338-0163; FAX: 414/626-2281.
OTHER OFFICES: ClinTon, WI (Dairyland Research Int'l); Gibson City, IL (Corn Belt Research); Mt. Hope, WI (Dairyland Seed Processing)
CONTACT: Thomas G. Strachota, Vice Pres.
Bags, bagging equipment; conveyors (drag or en masse); dust control systems & supplies; instruments/instrument systems, moisture testers, oil/protein/fiber analyzers.

Davenport Machine & Foundry Company ★
Affiliate of Middle States Corp.
1609 W. River Drive, P.O. Box 3339,
Davenport, IA, 52808-3339 U.S.A.;
PH: 319/322-6201; FAX: 319/322-1032;
TLX: 0468466.
CONTACT: W. E. Odell, Gen. Sales Mgr.
Drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers.

J. H. Day Company ★
Affiliate of Littleford Group, Inc.
4932 Beech Street,
Cincinnati, OH, 45212 U.S.A.;
PH: 513/841-3600; FAX: 513/841-9206;
TLX: 214392 (DAYMIXING NRWD).
OTHER OFFICES: Des Plaines, IL; Mahwah, NJ; Atlanta, GA; St. Catharines, Ontario, CANADA (Firing Industries); Chapultepec Morales, Mexico D.F., MEXICO (Littleford Group Inc.)
CONTACT: Jai K. L. Bajaj, Bus. Mgr.
Meal handling equipment, mixing equipment (dry), pulverizing equipment.

De Smet Process & Technology, Inc. ★
Affiliate of Compagnie Financière De Smet S.A.
2839 Paces Ferry Road, Suite 880,
Atlanta GA, 30339 U.S.A.;
PH: 404/436-0061; FAX: 404/434-5188;
TLX: (EASYLINK) 984812 (DESMET USA).
OTHER OFFICES: Antwerp, BELGIUM (Extraction De Smet); Hull, ENGLAND (De Smet Rosedowns Ltd.)
CONTACT: Philip Vando, Exec. Vice Pres.
Cookers/extruders/roasters; dehulling equipment; drying & aeration equipment, conditioners & coolers, meal dryers; flaking & cracking equipment; presses, continuous screw; solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; bleaching & filtering equipment; degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, physical; soapstock equipment; margarine equipment; computer process control, programming; consultants, plant layout, industrial processes; contract research (pilot scale); engineering services.

Dedert Corporation ★
20000 Governors Drive,
Olympia Fields, IL, 60461 U.S.A.;
PH: 708/747-7000; FAX: 708/755-8815;
TLX: (ITT) 4330935 (DEDERT).
CONTACT: Gary Wurzer, Sales Engineer
Drying & aeration equipment, conditioners & coolers, meal dryers; condensers; heat exchangers.

Delmhorst Instrument Company
51 Indian Lane East, P.O. Box 68,
Towaco, NJ, 07082 U.S.A.;
PH: 201/334-2557; FAX: 201/334-2657.
CONTACT: Tom Laurenzi, Mgr.
Instruments/instrument systems, moisture testers.

DICKEY-john Corporation ★
15.5 S. Country Club Road, P.O. Box 10,
Auburn, IL, 62615 U.S.A.;
PH: 217/438-3371; FAX: 217/438-6012;
TLX: 250132.
CONTACT: John W. Barber, Mkting. Mgr.
Instruments/instrument systems, grain analyzers, moisture testers, oil/protein/fiber analyzers; analytical laboratory equipment; analytical laboratories; computer process control, hardware, programming, software.

Divine Engineering, Inc. ★
5440 6th Street, S.W., P.O. Box 1345,
Cedar Rapids, IA, 52406 U.S.A.;
PH: 319/365-0564; FAX: 319/365-9345.
CONTACT: Jared S. Hills, Pres.
Conveyors (drag or en masse).

See Our Advertisement P. 113

Doane Agricultural Services Company ★
11701 Borman Drive,
St. Louis, MO, 63146 U.S.A.;
PH: 314/569-2700.
OTHER OFFICES: Minneapolis, MN; Portland, OR (offices)
CONTACT: Paul Justis, Editor
Consultants, marketing; publications/informational services (Doanne's Report).

Down River International, Inc., Transit Protection Division ★
15290, Sacramento, CA, 95851 U.S.A.;
PH: 916/920-0290; 800/727-3737;
FAX: 916/920-0524
OTHER OFFICES: Stockton, CA; Waco, TX; Hazelton, PA; Woodland, WA; Macon, GA, Posen, IL, Commerce, CA.
CONTACT: Bruce Miller, Nat'l. Sales Mgr.
Loading & unloading equipment (transit protection materials), barge, railroad and truck, (disposable pallets).

Drake Petroleum Company
6231 N. Pulaski Road,
Chicago, IL, 60646 U.S.A.;
PH: 312/588-2060.
CONTACT: C. E. Kelley, Jr., Pres.
Solvents.

Davy Dravo
One Oliver Plaza,
Pittsburgh, PA, 15222 U.S.A.;
PH: 412/566-3656; FAX: 412/566-3070;
TLX: 90-2943 (DRAVO PGH).
OTHER OFFICES: Chicago, IL; Berkley Hgts, NJ
CONTACT: Alan F. Smith, Vice Pres., Sales
Loading & unloading equipment, barge, ship; solvent extraction equipment; condensers; flake desolventizers, normal, flash/vapor; solvent extraction distillation equipment; crude oil storage (tanks); fat splitters; fatty acid distillation equipment; heat exchangers; hydrogenation equipment; oil dryers; computer process control, software; construction contractors, complete plants, protein plants; consultants, equipment, industrial processes; plant layout; product development; contract research (pilot scale); engineering services; inspection services.

Louis Dreyfus Corp.
10 Westport Road, Wilton, CT, 06897 U.S.A.;
PH: 203/761-9700; FAX: 203/761-2375;
TLX: 697-5459.
Warehousing: export/import, bulk liquid storage.

The Duriron Company, Inc. ★★
Filtration Systems Division, 9542 Hardpan Road, Angola, NY, 14006 U.S.A.;
PH: 716/549-2500; FAX: 716/549-3950.
CONTACT: Michael Vejins, Mkt. Spec.
Presses, hydraulic; filter presses.

J. R. Dykes Sales & Service, Inc.
Highway 51 No., P.O. Box 1059,
Granbury, TX, 76048 U.S.A.;
PH: 817/573-2416; FAX: 817/573-0027;
TLX: 467938 (DYKES CI).
CONTACT: Richard Dykes, Vice Pres. or Mike Dykes, Vice Pres.
Air classifiers; aspirators; bags, bagging equipment; conveyors (drag or en masse); commercial grain cleaners; dust control systems & supplies; instruments/instrument systems, automatic samplers, control, flow measurement, grain analyzers, material level, moisture testers, oil/protein/fiber analyzers, quality control metal detection, temperature monitors, warning systems; scales; cookers/extruders/roastErs; dehulling equipment; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment, pulverizing equipment; milliNg equipment supplies, spare parts & repair; presses, continuous screw; screeners/screening equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; solvent vapor detection & control; centrifuges; crude oil storage (tanks); degumming equipment; deodorization equipment; filter presses; heat exchangers; used equipment; consultants, equipment, plant layout.

Dynequip, Inc. ★
310 Snelling Avenue, No.,
St. Paul, MN, 55104 U.S.A.;
PH: 612/645-0979; FAX: 612/645-4239.
CONTACT: Vincent Anderson. Vice Pres.
Air classifiers; dust control systems & supplies; instruments/instrument systems, automatic samplers, control, flow measurement, material level, quality control metal detection; loading & unloading equipment, railroad, truck; soybean storage equipment & supplies, buildings, elevator & silo storage; coolers, fluidized bed; drying & aeration equipment, conditioners & coolers, meal dryers; flaking & cracking equipment; meal handling equipment, hammer mills, mixing equipment (dry), pulverizing equipment; milling equipment supplies, spare parts & repair; screeners/screening equipment; agitators (liquid); crude oil storage (tanks); soymilk & tofu equipment & systems; soy protein equipment & supplies; used equipment; computer process control, hardware, programming, software.

Eastman Chemical Company ★
Affiliate of Eastman Kodak Co.
P.O. Box 431, Kingsport, TN, 37662 U.S.A.;
PH: 800/327-8626; 615/229-3985; FAX: 615/229-1194; TLX: 6715569 (EASTCHEM).
CONTACT: Larry Suggs, Bus., Mgr.; or Anne Treleaven, Bus. Support Specialist.
Antioxidants; emulsifiers; sorbates.

A. G. Edward & Sons, Inc.
One North Jefferson,
St. Louis, MO, 63103 U.S.A.;
PH: 314/289-3200.
CONTACT: Dean NoSKer, Grain Analyst
Consultants, marketing.

Electrical Engineering & Equipment Company ★
1808 Delaware Avenue,
Des Moines, IA, 50317 U.S.A.;
PH: 515/266-8890; FAX: 515/266-1181.
CONTACT: Frank Darcy, Engineer
Conveyors (drag or en masse).

Electronic Sensors, Inc.
400 E. First Street,
Wichita, KS, 67202-2595 U.S.A.;
PH: 316/267-2807; FAX: 316/267-2819.
CONTACT: Larry R. Clum, Mkting. Mgr.
Instruments/instrument systems, material level measuring devices.

Elliott Automation Company, Inc.
10903 Brooklet Drive,
Houston, TX, 77099 U.S.A.;
PH: 713/530-2108; FAX: 713/530-1962;
TLX: 792425 (ELL AUTO HOU).
CONTACT: Peter F. Elliott, Pres.
Instruments/instrument systems, flow measurement; computer process control, hardware, software, programming.

EMI Corporation ★
3166 Des Plaines Avenue,
Des Plaines, IL, 60018 U.S.A.;
PH: 708/827-3164; FAX: 708/803-8394;
TLX: (WU) 726354 (EMI DSP).
CONTACT: William J. McPherson, Vice Pres.
Solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment; bleaching & filtering equipment; crude oil storage (tanks); degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, physical; soapstock equipment; margarine equipment; shortening equipment; consultants, plant layout; engineering services.

Engelhard Corporation ★
101 Wood Avenue, So.,
CN770, Iselin, NJ, 08830 U.S.A.;
PH: 201/205-5000.
CONTACT: Judy Richards, Comm.
Soybean storage equipment & supplies, fumigants; anti-caking agents; bleaching & filtering equipment; bleaching clays/earths; analytical laboratory equipment.

Enterprise Consulting, Inc. ★
2806 36th Place, N.W., P.O. Box 32273,
Washington, DC, 20007 U.S.A.;
PH: 202/342-7640.
CONTACT: Tom Veblen, Pres.
Consultants, marketing (business strategy & organization).

Enterprise Foods ★
1731 Commerce Drive, N.W., Suite 111,
Atlanta, GA, 30318 U.S.A.;
PH: 404/351-2251.
CONTACT: Gerald Anderson, Pres.
Consultants, marketing.

EPE Incorporated ★
13550 Falling Water, Suite 205,
Strongsville, OH, 44136 U.S.A.;
PH: 216/238-7000; FAX: 216/238-4687.
CONTACT: Hans R. Strop, Pres.
Cookers/extruders/roasters; coolers, fluidized bed; drying & aeration equipment, conditioners & coolers, meal dryers; presses, cOntinuous screw; screeners/screening equipment; consultants, equipment, industrial processes; contract research (pilot scale); engineering services.

Eppendorf North America, Inc. ★
Affiliate of Eppendorf - Netheler - Hinz, GmbH
545 Science Drive,
Madison, WI, 53711 U.S.A.;
PH: 608/231-1188; FAX: 608/231-1339.
CONTACT: John Guehlstorf, Dir., Sales & Mkting.
Instruments/Instrument Systems; Oil/Protein/Fiber Analyzers; Analytical laboratory equipment; analyzers (on-line).

ERDCO Engineering Corporation
721 Custer Avenue, P.O. Box 1310,
Evanston, IL, 60204 U.S.A.;
PH: 708/328-0550; FAX: 708/328-3535;
TLX: (WU) 206195 (ERDCO ENG EVN).
CONTACT: Bruce Nesvig, Vice Pres., Mkting.
Instruments/instrument systems, flow measurement, flash point testers; solvent vapor detection & control.

Dick Eulitt Company
P.O. Box 8584,
Kansas City, MO, 64114 U.S.A.;
PH: 816/523-7900; FAX: 816/942-3407.
CONTACT: Dan Eulitt, Vice Pres., Sales
Soyfoods packaging equipment & supplies (tofu tray lidding stock).

Experience, Inc. ★
1200 2nd Avenue So., Suite 400,
Minneapolis, MN, 55403 U.S.A.;
PH: 612/338-7844; FAX: 612/338-8005;
TLX: (WU) 467326 (EXPERIENCE CI).
CONTACT: Joseph T. Pietrus, Exec. Vice Pres.
Consultants, marketing, plant layout, industrial processes, product development.

Fabri-Kal
Plastics Place, Kalamazoo, MI, 49001 U.S.A.;
PH: 616/385-5050; FAX: 616/385-0197.
CONTACT: Gregg Pierce, Sales Mgr.
Soyfoods packaging equipment & supplies (plastic trays for retail tofu sales).

Fairbanks Scales ★
Affiliate of Fairbanks Inc.
711 E. St. Johnsbury Road,
St. Johnsbury, VT, 05819 U.S.A.;
PH: 802/748-5111 or 800/451-4107;
FAX: 802/748-5216.
CONTACT: Robert Pelkey, Adv. Supv.
Scales; weighing services & surveys.

Farm & Dairy
185-205 East State Street, P.O. Box 38,
Salem, OH, 44460 U.S.A.;
PH: 216/337-3419; FAX: 216/337-9550.
CONTACT: Scot Darling, Asst. Pub./Adv. Mgr.
Publications/informational services.

Farm Fans, Inc.
A Division of FFI, Inc
5900 Elmwood Avenue, P.O. Box 346,
Indianapolis, IN, 46203-6081 U.S.A.;
PH: 317/787-6341; FAX: 317/787-6340.
CONTACT: Larry McFarland, Dir., Sales
Drying & aeration systems, grain dryers.

R. W. Fasteen Company ★★
5575 Poplar Avenue, Suite 606,
Memphis, TN, 38119 U.S.A.;
PH: 901/761-5036; FAX: 901/761-5036.
CONTACT: Roger Fasteen, Pres.
Flaking & cracking equipment, pulverizing equipment; milling equipment supplies, spare parts & repair.

FEECO International, Inc. ★
3913 Algoma Road,
Green Bay, WI, 54311 U.S.A.;
PH: 414/469-5100; FAX: 414/469-5110;
TLX: 26/3456 (FEECO GRB).
CONTACT: Larry Cliver, Sales Mgr.
Conveyors; loading & unloading equipment, barge, railroad, ship, truck; drying & aeration equipment, conditioners & coolers; meal handling equipment hammermills, mixing equipment (dry), pelleting equipment.

**Feed & Grain —
Johnson Hill Press ★**
1233 Janesville Avenue,
Atkinson, WI, 53538 U.S.A.;
PH: 414/563-6388; FAX: 414/563-1699.
CONTACT: Arlette Sambs, Assoc. Pub.
Publications/informational services.

Feed Management
122 South Wesley Avenue,
Mount Morris, IL, 61054 U.S.A.;
PH: 815/734-4171; FAX: 815/734-4201.
CONTACT: Clayton J. Schreiber, Publisher
Publications/informational services.

Feedstuffs
Affiliate of Capital Cities, ABC
12400 Wihtewater Drive, P.O. Box 2400,
Minnetonka, MN, 55343 U.S.A.;
PH: 612/931-0211; FAX: 612/938-1832.
CONTACT: Julie Emnett, Staff Editor or Jon Scheid, Editor
Publications/informational services.

Ferrell-Ross ★
A Division of Bluffton Agri Industrial
805 S. Decker Drive, P.O. Box 256,
Bluffton, IN, 46714 U.S.A.;
PH: 219/824-3400; FAX: 219/824-5463;
CONTACT: Dick Mortimer, Prod. Mgr.
Commercial grain cleaners; flaking & cracking equipment.

Ferro Corporation
1230 Railroad Street,
East Liverpool, OH, 43920 U.S.A.;
PH: 216/385-1538; FAX: 215/385-3731.
CONTACT: Mel Glass, Prod. Mgr.
Milling equipment supplies, spare parts & repairs.

Fischbein Company ★
Affiliate of Axia Inc.
2700 30th Avenue, So.,
Minneapolis, MN, 55406 U.S.A.;
PH: 612/721-4800; FAX: 612/721-4743.
OTHER OFFICES: Brussels, BELGIUM (Cie Fischbein, S.A.)
CONTACT: Norma J. Shapira, Mkting. Serv.
Bags, bagging equipment; conveyors (drag or en masse).

Florida Industrial Filters, Inc.
Affiliate of LFC Lochem B.V., NETHERLANDS
1367 Highland Avenue, P.O. Box 873,
Dunedin, FL, 34697 U.S.A.;
PH: 813/733-0461; FAX: 813/736-1581.
CONTACT: Jerry Timen, Gen. Mgr.
Filter presses; waste water treatment equipment.

**Fluor Daniel Siting &
Consulting Services**
Affiliate of Fluor, Inc.
100 Fluor Daniel Drive / C601E,
Greenville, SC, 29607-2762 U.S.A.;
PH: 803/676-7295; FAX: 803676-7245.
OTHER OFFICES: Worldwide
CONTACT: B. William Dorsey, Dir.
Construction contractors, complete plants, protein plants; consultants, industrial processes, marketing, product development, site selection; engineering services.

FMC Corporation ★★
1735 Market Street,
Philadelphia, PA, 19103 U.S.A.;
PH: 215/299-6561; FAX: 215/299-6574.
Soybean storage equipment & sUPplies, fumigants.

**FMC Corporation, Chemical
Products Group ★★**
Box 4239, GCS, New York, NY, 10163 U.S.A.;
PH: 800/732-3278.
OTHER OFFICES: Philadelphia, PA
CONTACT: Tom Carr, Ad. Mgr.
Solvents; bleaching & filtering equipment.

FMI - Fluid Metering, Inc. ★
29 Orchard Street, P.O. Box 179, Oyster Bay,
NY, 11771 U.S.A.;
PH: 516/922-6050; FAX: 516/624-8261;
TLX: 510-1001281 (FLMETER).
CONTACT: Wini McKnight, Media Mgr.
Instruments/instrument systems, automatic samplers; waste water treatment equipment.

Food and AgroSystems Inc. ★★
P.O. Box 62185, Sunnyvale, CA, 94088 U.S.A.;
PH: 408/245-8450; FAX: 408/245-8450.
CONTACT: Tom Parks, Pres.
Consultants, equipment, industrial processes, plant layout, product development, engineering services (custom equipment design).

★ Updated Listing
★★ New Listing

Food Ingredients, Inc. ★
535 Tollgate Road, Suites A & B,
Elgin, IL, 60123 U.S.A.;
PH: 708/695-7717; FAX: 708/695-7986.
CONTACT: Robert A. Leonard, Exec. Vice Pres.
Consultants, marketing.

Food Ingredients (Minnesota) Inc.
2121 Toledo Avenue N.,
Golden Valley, MN, 55422 U.S.A.;
PH: 612/588-9456; FAX: 612/835-3811;
TLX: 499-2551 (POLYPROINT).
CONTACT: Dale W. Johnson, Pres.
Consultants, equipment, plant layout, industrial processes, product development; engineering services; markeT surveys.

Food Protein R&D Center ★★
Texas A&M University,
College Station, TX, 77843-2476 U.S.A.;
PH: 409/845-2741; FAX: 409/845-2744.
CONTACT: Ed Lusas, Assoc. Dir.
Analytical laboratories; consultants, equipment, industrial processes, plant layout, product development; contract research; engineering services.

Forsbergs, Inc.
Airport Road, P.O. Box 510,
Thief River Falls, MN, 56701 U.S.A.;
PH: 218/681-1927; FAX: 218/681-2037;
TWX: 910/561-2634 (FORSBERGS, THRF).
CONTACT: Harry Donarski, Sales Mgr.
Air classifiers; aspirators; commercial grain cleaners.

Four-B Elevator Components Ltd. ★
101 National Road, Unit 3,
East Peoria, IL, 61611 U.S.A.;
PH: 309/698-5611; FAX: 309/698-5615.
CONTACT: Chris J. Robinson, V.P.
Conveyors (drag or en masse); instruments/instrument systems, material level, temperature monitors, warning systems; engineering services.

Fox Testing Laboratories, Inc.
MAIN OFFICE: 201 Paris, P.O. Box 1299,
Lubbock, TX, 79408 U.S.A.;
PH: 806/763-4518; FAX: 806/763-4519.
OTHER OFFICES: Harlingen, TX
CONTACT: Ronnie Fox, Pres.
Analytical laboratories.

Fox Testing Laboratories, Inc.
211 E. Monroe, P.O. Box 346,
Harlingen, TX, 78551-0346 U.S.A.;
PH: 512/423-3196; FAX: 512/423-5098.
CONTACT: David Humphrey, Lab Mgr.
Analytical laboratories.

The Foxboro Company ★
Bristol Park B52-1B,
Foxboro, MA, 02035 U.S.A.;
PH: 508/543-8750; FAX: 508/549-6750;
TLX: 927602.
CONTACT: George P. Treachis, Mgr., Food Ind.
Instruments/instrument systems, control, flow measurement, temperature monitors, warning systems; solvent vapor detection & control; Analytical laboratory equipment; computer process control, hardware, software.

Frain Industries, Inc. ★
1930 N. Mannheim Road,
Melrose Park, IL, 60160 U.S.A.;
PH: 708/344-6500; FAX: 708/344-6575.
CONTACT: Donald E. Stalter, Acct. Exec.
Air classifiers; bags, bagging equipment; conveyors (drag or en masse); commercial grain cleaners; dust control systems & supplies; instruments/instrument systems, quality control metal detection; scales; soybean storage equipment & supPLies, elevator & silo storage; cookers/extruders/roasters; coolers, fluidized bed; drying & aeration equipment, conditioners & coolers, grain dryers; meal handling equipment, hammer mills, pelleting equipment, mixing equipment (dry), pulverizing equipment; presses, continuous screw, hydraulic; screeners/screening equipment; solvent extraction equipment; condensers; solvent extraction distillation equipment; agitators (liquid); bleaching & filtering equipment; crude oil storage (tanks); deodorization equipment; filter presses; heat exchangers; consultants, equipment; inspection services.

The French Oil Mill Machinery Company ★
1035 Greene Street, P.O. Box 920,
Piqua, OH, 45356 U.S.A.;
PH: 513/773-3420; FAX: 513/773-3424;
TLX: 687-4224.
OTHER OFFICES: Mexico City, Monterrey, MEXICO
CONTACT: Timothy G. Kemper, Prod. Mgr.
Cookers/extruders/roasters; dehulling equipment; drying & aeration equipment, conditioners & coolers, meal dryers; flaking & cracking equipment; meal handling equipment, pelleting equipment; milling equipment supplies, spare parts & repair; presses, continuous screw; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, flash/vapor, normal; solvent extraction distillation equipment.

See Our Advertisement P. 121

Fru-Con Engineering Inc. ★
AffiLiate of Bilfinger + Berger
15933 Clayton Road, P.O. Box 100,
Ballwin, MO, 63022-0100 U.S.A.;
PH: 314/391-6700; FAX: 314/391-4513.
CONTACT: John Linton, Group Mgr.
Computer process control, programming; construction contractors, complete plants, protein plants; consultants, equipment, industrial processes, plant layout, product development; contract research (pilot scale); engineering services.

GA Expertise Inc. ★
4210 Braganza Street, P.O. Box 330485,
Miami, FL, 33233-0485 U.S.A.;
PH: 305/665-4404; FAX: 305/655-2933;
TLX: (RCA) 293818 (EXPT UR).
CONTACT: Guy L. Posschelle, Pres.
Consultants, equipment, industrial processes, plant layout.

Gage Industries, Inc.
6710 McEwan Road, P.O. Box 1318,
Lake Oswego, OR, 97035-0516 U.S.A.;
PH: 503/639-2177; FAX: 503/624-1070.
CONTACT: Mike Livermore
Soyfoods packaging equipment & supplies (tofu trays); analytical laboratory equipment.

Geldermann, Inc.
440 S. LaSalle Street, 20th Floor,
Chicago, IL, 60605 U.S.A.;
PH: 312/663-7500; FAX: 312/663-7710;
TLX: 4330220.
CONTACT: Jake Vrabel, Vice Pres., Grain Div.
News wires, commodity.

Gem Industries Inc. ★
1500 1st Avenue, N.E., Suite 115,
Rochester, MN, 55906 U.S.A.;
PH: 507/289-7560; FAX: 507/282-1468.
CONTACT: Stuart Dormody, Sales
Cookers/extruders/roasters.

General Electric Company ★★
GE Business Information Center-SB, One Winners Circle, Albany, NY, U.S.A.;
PH: 800/626-2004.
CONTACT: Customer Service
Air classifiers; conveyors (drag or en masse) maintenance & repair; dust control systems & supplies; instruments/instrument systems, control, flow measurement, material level, quality control metal detection, warning systems, temperature monitors; analytical laboratory equipment; waste water treatment equipment; analytical laboratories; computer process control, hardware; inspection services.

General Resource Corp. ★
201 3rd Street, So.,
Hopkins, MN, 55343 U.S.A.;
PH: 612/933-7474 or 800/334-6421;
FAX: 612/933-9777.
CONTACT: Gary Wallace, Adv. Coord.
Dust Control Systems & Supplies; loading and unloading equipment, barge, railroad, ship, truck; Drying & aeration equipmeNt; meal handling equipment; heat exchangers; construction contractors, complete plants, protein plants; consultants, equipment, plant layout, industrial processes, product development; contract research (pilot scale); engineering services.

Generichem Corporation ★
85 Main Street, P.O. Box 369,
Little Falls, NJ, 07424 U.S.A.;
PH: 201/256-9266; FAX: 201/256-0069.
CONTACT: Terrance W. Connolly, Pres.
Soymilk & tofu equipment & supplies; soy protein equipment & supplies; coagulants for tofu.

GENEX New York Inc.
527 Madison Avenue, Suite 1250,
New York, NY, 10022 U.S.A.;
PH: 212/758-7755.
Publications/informational services.

W. R. Grace Company ★
Davison Chemical Div., P.O. Box 2117,
Baltimore, MD, 21203-2117 U.S.A.;
PH: 301/659-9000; FAX: 301/685-1434.
CONTACT: George Kirchner, Product Mgr.
Anti-caking agents; bleaching clays/earths (clay replacement TriSyl® silica for oil refining); hydrogenation catalysts.

See Our Ads P. 6, 7 & 146

Grain Journal ★★
2490 N. Water Street,
Decatur, IL, 62526 U.S.A.;
PH: 217/877-9660. FAX:217/877-6647.
CONTACT: Mark Avery, Publisher
Publications/informational services.

Grand Trunk Western Railroad Company
1333 Brewery Park Blvd.,
Detroit, MI, 48207-2699 U.S.A.;
PH: 313/396-6409 or 396-6343; FAX: 313/396-6034; TLX: 230717 (DETMKTGA).
CONTACT: Joseph P. Berger, Mkt. Mgr., Grain or Dan R. Lytwyn, Mkt. Mgr., Food Prods.
Transportation, railroad company.

Greenway Electric, Inc. ★
1424 North Mosley,
Wichita, KS, 67214 U.S.A.;
PH: 316/263-6189; FAX: 316/263-4075.
CONTACT: Marc Greenway, Pres.
Computer process control, hardware, programming, software; construction contractors, complete plants; consultants, industrial processes, plant layout; engineering services (electrical).

Greif Brothers Corp. ★
2750 W. 145th Street,
Rosemount, MN, 55068-4998 U.S.A.;
PH: 612/423-2216; FAX: 612/423-1978.
CONTACT: Tom Dubbe, Vice Pres.
Bags, bagging equipment.

Groen
Affiliate of Dover Industries
1900 Pratt Boulevard,
Elk Grove Village, IL, 60007 U.S.A.;
PH: 708/439-2400; FAX: 708/364-3097.
OTHER OFFICES: Jackson, MS (mfg.)
CONTACT: Ray Rzegocki, Nat'l. Sales Mgr., Process Group
Soymilk & tofu equipment & supplies.

A. Gusmer, Inc.
Representatives of Ponndorf
Maschinenfabrik GmbH
27 North Avenue, Cranford, NJ, 07016 U.S.A.;
PH: 201/272-9400; FAX: 201/272-8735.
CONTACT: Charles W. Tannert, Vice Pres., Tech. Services
Aspirators; bags, bagging equipment; conveyors (drag or en masse); commercial grain cleaners; instruments/instrument systems, quality control meTal detection; loading & unloading equipment, railroad and truck; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; meal handling equipment, pulverizing equipment; presses, continuous screw; filter presses; consultants, equipment, industrial processes.

Gustafson, Inc. ★
1400 Preston Road, Suite 400,
Plano, TX, 75093 U.S.A.;
PH: 214/985-8877; FAX: 214/985-1696;
TLX: 730957 (GUSTAFCO DAL).
OTHER OFFICES: Des Moines, IA; Eden Prairie, MN; Marsing, ID; McKinney, TX
CONTACT: Gil Austin, Vice Pres., Mkting.
Aspirators; instruments/instrument systems, automatic samplers.

H & S Systems of Decatur, Inc.
2230 Brush College Road,
Decatur, IL, 62525 U.S.A.;
PH: 217/423-6001; FAX: 217/432-6565.
CONTACT: Jack Hunter, Sales Mgr.
Conveyors (drag or en masse); bucket elevators; instruments/instrument systems, temperature monitors, warning systems; loading & unloading equipment, barge, railroad, truck.

Haarmann & Reimer Corp. ★
Affiliate of Bayer AG
1127 Myrtle Street, P.O. Box 932,
Elkhart, IN, 46515 U.S.A.;
PH: 800/348-7414; TWX: 810-294-2249
(MILES BTG EKR); FAX: 219/262-6747.
CONTACT: Thomas R. Schmidt, Mkting. Mgr.
Antioxidants.

The Hance Corporation
235 E. Broadway,
Westerville, OH, 43081 U.S.A.;
PH: 614/882-7400; FAX: 614/882-7549.
CONTACT: Frank W. Hance, Gen. Mgr.
Aspirators; bags, bagging equipment; conveyors (drag or en masse); commercial grain cleaners; loading & unloading equipment, barge, railroad, ship, truck; screeners/screening equipment.

Hayes & Stolz Industrial Manufacturing Company, Inc.
3521 Hemphill Street, P.O. Box 11217,
Fort Worth, TX, 76110 U.S.A.;
PH: 817/926-3391; FAX: 817/926-4133;
TLX: (WU) 792854 (HAYESSTOLZ FTW).
CONTACT: Mark Hayes, Vice Pres.
Meal handling equipment, mixing equipment (dry); screeners/screening equipment.

Henke Machine Inc.
E. Highway 30, P.O. Box 1006,
Columbus, NE, 68602 U.S.A.;
PH: 402/564-0565; FAX: 402/564-3153.
CONTACT: Richard F. Drake, Ind. Sales Eng.
Conveyors (drag or en masse); commercial Grain cleaners; soybean storage equipment & supplies, elevator & silo storage.

Herzog-Hart Corp.
200 Berkeley Street,
Boston, MA, 02116 U.S.A.;
PH: 617/421-4000.
CONTACT: Richard J. Malone
Hydrogenation equipment; consultants, equipment, industrial processes, plant layout; engineering services.

High Plains Journal ★★
P.O. Box 760, Dodge City, KS, 67801 U.S.A.;
PH: 316/227-7171 FAX: 316/227-7171.
Publications/informational services.

Honeywell, Inc., Industrial Controls Division
1100 Virginia Drive,
Fort Washington, PA, 19034 U.S.A.;
PH: 215/641-3115 or 800/345-6770.
CONTACT: Terri Minio, PR Mgr.
Instruments/instrument systems, control, flow measurement, temperature monitors; computer process control, software.

J. L. Horst, Inc. ★
2562 Brandt School Road,
P.O. Box 408, Wexford, PA, 15090 U.S.A.;
PH: 412/935-1590; FAX: 412/935-1591.
CONTACT: Joseph L. Horst, Pres.
Air classifiers; bags, bagging equipment; conveyors (drag or en masse); commercial grain cleaners; dust control systems & supplies; soybean storage equipment & supplies, elevatoR & silo storage, meal handling equipment, hammer mills, mixing equipment (dry); pelleting equipment, pulverizing equipment; screeners/screening equipment.

Hosokawa Micron Division
Affiliate of Hosokawa Micron International
10 Chatham Road, Summit, NJ, 07901 U.S.A.;
PH: 908/273-6360; FAX: 908/273-7432.
CONTACT: John Bechtold, Adv. Mgr.
Air classifiers; drying & aeration equipment, grain dryers, meal dryers; meal handling equipment, mixing equipment (dry), pulverizing equipment.

Houston Tank Storage Company
Affiliate of Jacob Stern & Sons, Inc.
1464 E. Valley Road, P.O. Box 50740, Santa Barbara, CA, 93150 U.S.A.;
PH: 805/565-1411; FAX: 805/565-1415;
TLX: 658312 (J STERN SNC).
OTHER OFFICES: Houston, TX
CONTACT: Philip L. Bernstein, Pres.
Warehousing: export/import, bulk liquid storage, ocean port terminal.

S. Howes Company, Inc.
Howard Street,
Silver Creek, NY, 14136 U.S.A.;
PH: 716/934-2611; FAX: 716/934-2081.
CONTACT: James J. Carere, Sales Mgr.
Bags, bagging equipment; commercial grain cleaners; meal handling equipment, mixing equipment (dry); screeners/screening equipment.

J. M. Huber Corp. — Clay Division ★
1 Huber Road, Macon, GA, 31298 U.S.A.;
PH: 912/745-4751; FAX: 912/741-1817.
CONTACT: Gary C. Schultz, Dir., Tech. Service
Kaolin clay anti-caking agents.

Hudson Tank Terminals Corporation ★
Marsh & Export Streets, Building 173, P.O. Box 2549, Newark, NJ, 07114 U.S.A.;
PH: 201/465-1115; FX: 201/465-9053;
TLX: 130026 (HUDSONTAK).
CONTACT: Liam Rogers, Mkting. Mgr.
Warehousing: export/import, ocean port terminal, bulk liquid storage;

See Our Advertisement P. 241

HYBCO, U.S.A. ★★
333 S. Mission Road,
Los Angeles, CA, 90033 U.S.A.;
PH: 213/269-3111; FAX: 213/269-3130;
TLX: (RCA) 215485 (HYBC).
CONTACT: David Kashani, Man. Dir.
Warehousing: export/import, U.S. Interior.

T. E. Ibberson Company ★
3424 Wooddale Avenue,
Minneapolis, MN, 55416 U.S.A.;
PH: 612/929-1641; FAX: 612/929-8806;
TLX: 910-576-2703 (IBBERSON MPS).
CONTACT: David R. Berg, Vice Pres., Sales
Consultants, industrial processes, plant layout; engineering services.

Ibberson Engineering, Inc. ★
3424 Wooddale Avenue,
Minneapolis, MN, 55416 U.S.A.;
PH: 612/929-1641; FAX: 612/929-8806;
TLX: 910-576-2703 (IBBERSON MPS).
CONTACT: Steve Frankosky, Vice Pres.
Consultants, industrial processes, plant layout; engineering services.

Ibberson International, Inc. ★
3424 Wooddale Avenue,
Minneapolis, MN, 55416 U.S.A.;
PH: 612/929-1641; FAX: 612/929-8806;
TLX: 910-576-2703 (IBBERSON MPS).
CONTACT: Mark Geitzenauer, Vice Pres.,
Consultants, plant layout, industrial processes; engineering services.

Illinois Crop Improvement Association ★
3105 Research Road, P.O. Box 9013,
Champaign, IL, 61826-9013 U.S.A.;
PH: 217/359-4053; FAX: 217/359-4075.
CONTACT: James R. Shearl, Mgr.
Analytical laboratories; inspection services; publications/informational services.

See Our Advertisement P. 21

Indiana Crop Improvement Association ★
3510 U.S. Highway 52, So.,
Lafayette, IN, 47905 U.S.A.;
PH: 317/474-3494; FAX: 317/474-8959.
CONTACT: Larry Svajgr, Exec. Dir.
Analytical laboratories: inspection services; publications/informational services.

See Our Advertisement P. 104

Industrial Erectors, Inc. ★
4701 W. Iowa Street,
Chicago, IL, 60651 U.S.A.;
PH: 312/378-0100; FAX: 312/378-7273.
CONTACT: Gerald S. Cole, Gen. Mgr.
Conveyors (drag or en masse); belt manlift equipment; construction contractors, complete plants, protein plants; engineering services; inspection services.

Industrial Filter & Pump Manufacturing Company ★★
5900 Ogden Avenue,
Cicero, IL, 60650-3888 U.S.A.;
PH: 708/656-7800; FAX: 708/656-7806.
CONTACT: Edward King, V.P. Sales
Presses; bleaching & filtering equipment; deodorization equipment (filters); filter presses; heat exchangers; hydrogenation equipment (filters); waste water treatment equipment.

Industrial Laboratories ★
3001 Cullen Street,
Fort Worth, TX, 76107 U.S.A.;
PH: 817/332-2259.
CONTACT: H. W. Bulbrook, Dir.
Analytical laboratories.

Industrial Metal Products Company, Inc. ★
5801 S. 25th Street, P.O. Box 21212,
Phoenix, AZ, 85036 U.S.A.;
PH: 602/243-1556; FAX: 602/243-6732;
TLX: 165030 (IMPCO PHX).
CONTACT: Boyce W. Davis, Pres.
Dust control systems & supplies; dehulling equipment; flaking & cracking equipment.

Industry General Corporation ★
5384 Poplar Avenue, Suite 500,
Memphis, TN, 38119 U.S.A.;
PH: 901/682-3314; FAX: 901/763-0919.
CONTACT: W. H. Davenport, Pres.
Soybean storage equipment & suPplies, elevator & silo storage; construction contractors, complete plants, protein plants; consultants, plant layout; engineering services.

Ingman Laboratories, Inc.
2945 34th Avenue South,
Minneapolis, MN, 55406 U.S.A.;
PH: 612/724-0121.
CONTACT: Peter Meland, Pres.
Analytical laboratories.

Insta Pro International, Ltd. ★
Affiliate of Triple "F", Inc.
10104 Douglas Ave.,
Des Moines, IA, 50322 U.S.A.;
PH: 515/254-1260 FAX: 515/276-5749;
TLX: 478375.
OTHER OFFICES: Lytham, ENGLAND (Insta Pro U.K.); Cheltenham, UK (Insta Pro Europe); Taipei, TAIWAN (Insta Pro Asia)
CONTACT: Karl S. Arnold, Dom. Mkt. Mgr.
Cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers; flaking & cracking equipment; used equipment.

International Proteins Corporation
25 Just Road, P.O. Box 1169,
Fairfield, NJ, 07007 U.S.A.;
PH: 201/227-2714; FAX: 201/227-6533;
TLX: 178010 (MAPCO).
OTHER OFFICES: Fresno, CA; Santiago, CHILE
CONTACT: Eric H. Jackson, Vice Pres.
Warehousing: export/import, bulk liquid storage, ocean port terminal, U.S. interior port;

International Reserve Equipment Corp. ★
4 South Prospect Avenue, P.O. Box 198,
Clarendon Hills, IL, 60514-0198 U.S.A.;
PH: 708/325-7040; FAX: 708/325-7045.
CONTACT: Thomas J. Mertz, Partner/Adv.
Cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; meal handling equipment, mixing equipment (dry), pelleting equipment, pulverizing equipment; milling equipment supplies, spare parts & repair; presses, continuous screw; screeners/screening equipment; solvent extraction equipment; solvent extraction distillation equipment; bleaching & filtering equipment; centrifuges; crude oil storage (tanks); filter presses; heat exchangers; oil dryers; soapstock equipment; used equipment; waste water treatment equipment.

International Soybean Program (INTSOY) ★
Affiliate of University of Illinois/Office of International Agriculture
University of Illinois, INTSOY, 113 Mumford Hall, 1301 W. Gregory Drive,
Urbana, IL, 61801 U.S.A.;
PH: 217/333-6422; TWX: 910/250-7619 (INTSOY); FAX: 217/333-5838.
CONTACT: J.J. Nicholaides, Acting Dir.
Analytical laboratories; consultants, equipment, industrial processes, plant layout, product development; contract research (pilot scale).

See Our Advertisement P. 110

Iowa Testing Laboratories, Inc. ★
Highway #17 N., P.O. Box 188,
Eagle Grove, IA, 50533 U.S.A.;
PH: 515/448-4741 or 800/274-7645;
FAX: 515/448-3402.
CONTACT: Jack W. Henry, Pres.
Analytical laboratories.

Len E. Ivarson, Inc.
3100 West Green Tree Road,
Milwaukee, WI, 53209 U.S.A.;
PH: 414/351-4551; FAX: 414/351-4551.
CONTACT: Rose M. Raguse, Admin. Asst.
Bags, bagging equipment; fat splitters; fractionation equipment; heat exchangers; margarine equipment; shortening equipment; soymilk & tofu equipment & supplies; soyfoods packaging equipment & supplies.

Jacobson Companies ★
2445 Nevada Avenue No.,
Minneapolis, MN, 55427 U.S.A.;
PH: 612/544-8781; FAX: 612/544-0908.
CONTACT: Gary Minor, Mgr, AG.
Meal handling equipment, mixing equipment (dry), pulverizing equipment; milling equipment sUpplies, spare parts & repair.

Johnson-Loft Engineers, Inc. ★
Affiliate of Alfa-Laval AB
3100 Kerner Blvd., Suite C,
San Rafael, CA, 94901 U.S.A.;
PH: 415/459-5911; FAX: 415/459-5968;
TLX: 510-601-7466.
CONTACT: Stan Loft, Exec. Pres., CEO
Bleaching equipment; centrifuges; degumming equipment; deodorization equipment; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, physical; computer process control, hardware, programming, software; consultants, equipment, industrial processes, plant layout; engineering services.

Journal of American Oil Chemists' Society ★
1608 W. Broadmoor Drive, P.O. Box 3489,
Champaign, IL, 61826-3489 U.S.A.;
PH: 217/359-2344; FAX: 217/351-8091;
TLX: 4938651 (AOCS UI).
CONTACT: James Lyon, Exec. Dir.
PublicaTions/Informational services.

K-Testing Laboratory, Inc.
365 S. Main Street,
Memphis, TN, 38103 U.S.A.;
PH: 901/525-0519; FAX: 901/525-0520.
CONTACT: Lee Keating, Pres.
Analytical laboratories.

KALSEC, Inc. ★★
P.O. Box 511, Kalamazoo, MI, 49005 U.S.A.;
PH: 616/349-9711; FAX: 616/382-3060.
CONTACT: Ms. Ariella Gastel, Herbalox® Seasoning, market mgr.
Antioxidants.

Peter Kalustian Associates, Inc. ★
239 Reserve Street,
Boonton, NJ, 07005 U.S.A.;
PH: 201/334-3008; FAX: 201/334-2757.
CONTACT: Peter Kalustian, Pres.
Consultants, industrial processes, (fats and oils), plant layout; engineering services.

Kane Investments, Ltd. ★
141 W. Jackson Blvd.,
Chicago, IL, 60604 U.S.A.;
PH: 312/341-9370.
CONTACT: Joseph J. Kane, Pres.
News wires, commodity.

Kansas City Southern Lines ★
114 W. 11th Street,
Kansas City, MO, 64105 U.S.A.;
PH: 816/556-0303; FAX: 816/556-0418;
TLX: 42327.
CONTACT: David C. Bastress, Mkt. Mgr.
Loading & unloading equipment, railroad. Transportation, railroad company.

★ Updated Listing
★★ New Listing

Kawanishi Shoko Company, Ltd. ★
3499 E. Pico Blvd.,
Los Angeles, CA, 90023 U.S.A.;
PH: 213/780-8166; FAX: 213/780-8224.
OTHER OFFICES: Yokohama, Kanagawa, JAPAN
CONTACT: Mike Haraguchi, Tech. Rep.
soymilk & tofu equipment & supplies; soyfoods packaging equipment & supplies.

See Our Advertisement P. 138

Kemper Securities Group
111 E. Kilbourn, Milwaukee, WI, 53202 U.S.A.;
PH: 414/347-3531; FAX: 414/347-3314.
CONTACT: Larry Schmidt, Vice Pres.
Consultants, marketing.

Kice Industries, Inc.
2040 S. Mead Avenue, P.O. Box 11388,
Wichita, KS, 67202-0388 U.S.A.;
PH: 316/267-4281; FAX: 316/267-5931.
CONTACT: Bob Kice, Vice Pres.
Air classifiers; aspirators; commercial grain cleaners; dust control systems & supplies; loading & unloading equipment; dehulling equipment; milling equipment supplies, spare parts & repairs; screeners/screening equipment.

Knight-Ridder Commodity Research Bureau
Affiliate of Knight-Ridder
75 Wall Street, 22nd Floor,
New York, NY, 10005 U.S.A.;
PH: 212/504-7754; FAX: 212/809-5442.
OTHER OFFICES: Chicago, IL
CONTACT: Joan Fitzpatrick, Gen. Mgr.
Publications/informational services.

Koch Membrane Systems, Inc.
850 Main Street,
Wilmington, MA, 01887 U.S.A.;
PH: 508/657-4250; FAX: 508/657-5208;
TWX: 710/3476537.
CONTACT: Michele A. Collette-Keane Dev. Eng.
Bleaching & filtering equipment; waste water treatment equipment.

Laidig Industrial Systems ★
14535 Dragoon Trail,
Mishawaka, IN, 46544 U.S.A.;
PH: 219/256-0204; FAX: 219/256-5575.
CONTACT: Mark E. Kessler, Reg. Sales Mgr.
Loading & unloading equipment, barge, railroad, ship, truck; soybean storage equipment & supplies, elevator & silo storage; waste water treatment equipment; construction contractors, complete plants, protein plants.

See Our Advertisement P. 147

Lakeland Engineering Equipment Company
5735 Lindsay Street,
Minneapolis, MN, 55422 U.S.A.;
PH: 612/544-0321; FAX: 612/544-5541.
CONTACT: Mark Skinner or Jean Fraig, V.P.
Instruments/instrument systems, control, material level.

Landers Machine Company
207 East Broadway,
Ft. Worth, TX, 76104 U.S.A.;
PH: 817/336-5653.
CONTACT: Bobby White, Sales Mgr.
Meal handling equipment, Pelleting equipment.

Langston Company, Inc. ★★
1100 N. 7th Street,
West Memphis, AR, 72301 U.S.A.;
PH: 501/735-4197; FAX: 501/735-4542.
OTHER OFFICES: Memphis, TN; Crowley, LA; Jackson, MS;
CONTACT: Herb Johnson, Sales Mgr.
Bags, bagging equipment.

Laucks Testing Laboratories, Inc. ★
940 S. Harney Street,
Seattle, WA, 98108 U.S.A.;
PH: 206/767-5060; FAX: 206/767-5063.
CONTACT: James M. Owens, Lab Dir.
Analytical laboratories.

Law & Company ★
1763 Montreal Circle,
Tucker, GA, 30084 U.S.A.;
PH: 404/934-8200; FAX: 404/270-1700.
CONTACT: Robert E. Kieffer, Partner
Analytical laboratories.

Leidahl Communications ★
P.O. Box 243, Osseo, MN, 55369 U.S.A.;
PH: 612/493-2501; FAX: 612/493-6322;
TWX: (ESL) 62845862.
CONTACT: Roy Leidahl, Editor
Publications/informational services (Feed Business Report).

Lembeck Associates, Inc. ★
10880 Benson Street, Suite 2390,
Shawnee Mission, KS, 66210-1525 U.S.A.;
PH: 913/451-3157; FAX: 913/451-1876;
TLX: (FTCC MSG HNDER) 825934 (LEMBK UF).
CONTACT: Henry G. Lembeck, Pres.
Consultants, equipment, plant layout; engineering services.

Libra Laboratories, Inc.
44 Stelton Road,
Piscataway, NJ, 08854 U.S.A.;
PH: 908/968-5200; FAX: 908/968-9552.
OTHER OFFICES: San Francisco, CA
CONTACT: Robert I. Green, Mkting.
Analytical laboratory equipment; analytical laboratories; computer process control, software; process/quality control TMP diagnostic test kits for oils, fats & frying process quality.

LIGHTNIN ★
Affiliate of General Signal
135 Mt. Read Blvd., P. O. Box 1370,
Rochester, NY, 14611 U.S.A.;
PH: 716/436-5550; FAX: 716/436-5589;
TLX: 97-8244.
OTHER OFFICES: Toronto, Ontario, CANADA (Greey Lightnin); Poynton, Cheshire, ENGLAND (Lightnin Mixers Ltd.); Regents Park, N.S.W., AUSTRALIA (Lightnin Mixers Pty. Ltd.)
CONTACT: Leonard J. Fela, Mkting. Dir.
Agitators (liquid); waste water treatment equipment.

Linnhoff March, Inc. ★
Affiliate of Linnhoff March, Ltd. (UK)
2 Cardinal Park Drive, Suite 205 A, P.O. Box 2306, Leesburg, VA, 22075 U.S.A.;
PH: 703/777-1118; FAX: 703/777-4145.
OTHER OFFICES: Houston, TX; San Mateo, CA; Melbourne, AUSTRALIA.
CONTACT: Andrew McMullan
Consultants, industrial processes.

Lipid Systems International
708 N. Ridge, West Helena, AR, 72390 U.S.A.;
PH: 501/572-1704.
CONTACT: Paul McElroy, Pres.
Consultants, industrial processes; engineering services.

Lockhart Grain & Fertilizer Company, Inc.
Port Elevator - White River, 200 Campbell Street, P.O. Box 521,
Augusta, AR, 72006 U.S.A.;
PH: 501/347-2581; FAX: 501/347-5174.
CONTACT: Bob Brannon
Transportation, barge line; news wires, commodity.

Mallinckrodt, Inc.
Calsicat Division, 1707 Gaskell Avenue,
Erie, PA, 16503 U.S.A.;
PH: 814/455-0951; FAX: 814/456-7686;
TLX: (WU) 914402 (CALSICAT ERI).
OTHER OFFICES: Neunkirchen, GERMANY
CONTACT: S. J. Stempka, Sales Coord.
Hydrogenation catalysts.

E. D. & F. Man International Futures, Inc.
30 S. Wacker Drive, Suite 900,
Chicago, IL, 60606 U.S.A.;
PH: 312/930-7800; FAX: 312/930-7871 or 312/427-3203; TLX: 206188.
CONTACT: Gerald Zusel, Vice Pres., Grains
News wires, commodity.

Marshall Labs, Inc.
103 N. 8th Street,
Marshall, MN, 56258 U.S.A.;
PH: 507/537-1561; FAX: 507/537-1562.
CONTACT: Bruce Lieberman, Coor. Council
Dust control systems and supplies; analytical laboratories; contract research (pilot scale); engineering services.

Martin Sprocket & Gear, Inc.
3600 McCart, P.O. Box 1038,
Ft. Worth, TX, 76101-1038 U.S.A.;
PH: 817/924-4255; FAX: 817/924-7020.
OTHER OFFICES: Arlington, TX; Mansfield, TX
CONTACT: Tom Melton, Vice Pres., Div. Mgr.
Conveyors (drag); dust control systems & supplies; loading & unloading equipment, barge, railroad, ship, truck; soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage.

Mathews Company ★
500 Industrial Avenue, P.O. Box 70,
Crystal Lake, IL, 60014 U.S.A.;
PH: 815/459-2210; FAX: 815/459-5889.
CONTACT: Ronald D. Gillund, Field Sales Mgr.
Drying & aeration equipment, grain dryers.

McCullough & Company ★
Sales Dept., 4717 E. 119th Street, P.O. Box 9824, Kansas City, MO, 64134 U.S.A.;
PH: 816/761-2857; FAX: 816/761-2845.
CONTACT: Scott Rathbun, Sales
Bags, bagging equipment; conveyors (drag or en masse).

Measurement Systems International ★
14240 Interurban Avenue South,
Seattle, WA, 98168-4660 U.S.A.;
PH: 206/433-0199; FAX: 206/244-8470;
TLX: 328005 (MSI SEA).
CONTACT: Ron Wenzel, Mkting. Dir.
Scales.

Mercantile Food Company ★★
4 Old Mill Road, P.O. Box 1140,
Georgetown, CT, 06829-1140 U.S.A.;
PH: 203/544/9891 FAX: 203/544-8409.
CONTACT: Lynda Rockwell, Purchasing Mgr.
Transportation, ocean freight line, trucking firm; warehousing: export/import, U.S. interior port;

Mercer Engineers, Inc.
Affiliate of Mercer Engineers Inc., Houston, TX
4229-B Jeffrey Drive, P.O. Box 15723,
Baton Rouge, LA, 70895 U.S.A.;
PH: 504/293-3633; FAX: 504/293-0231.
OTHER OFFICES: Dallas, TX; N. Little Rock, AR; Houston, TX
CONTACT: Russell L. Morris, LA Rep.
Dust control systems & supplies; loading & unloading equipment, barge, rail, ship, truck; soybean storage equipment & supplies, elevator & silo storage; meal handling equipment, hammer mills, mixing equipment (dry), pulverizing equipment; agitators (liquid); heat exchangers (stainless steel & higher alloys); consultants, equipment, industrial processes.

Merchants Cold Storage Company ★★
1305 E Houston Street, P.O. Box 828,
San Antonio, TX, 78293 U.S.A.;
PH: 512/227-0244; FAX: 512/227-7468.
Warehousing: export/import;

Merrill Lynch ★
World Headquarters, World Financial Center,
South Tower, 6th Floor,
New York, NY, 10080-6106 U.S.A.;
PH: 212/236-4111; FAX: 212/236-4452.
CONTACT: Tony Wolfskill, Agri. Prod. Mgr.
news wires, commodity; publications/informational services.

Messina Associates ★★
8401 Mapleville Rd., Mt. Airy, MD 21771
U.S.A.; PH: 301/898-9525.
CONTACT: Mark Messina, Ph.D.
Consultants, product development, marketing (soyfoods nutritional information); publications/informational services.

Metal Products International, Inc. ★
P.O. Box 1524, Greenwich, CT, 06836 U.S.A.;
PH: 203/661-4397; FAX: 203/622-8569.
CONTACT: Ernest F. Trescher, Sales Mgr.
Flaking & cracking equipment; milling equipment supplies, spare parts & repair; chilled iron rolls.

See Our Advertisement P. 123

Micron Powder Systems ★★
Affiliate of Hosokawa Micron Int'l, Inc.
10 Chatham Road, Summit, NJ, 07901 U.S.A.;
PH: 908/273-6360; FAX: 908/273-7432.
CONTACT: R.J. Pistone, V.P.
Air classifiers; dust control systems & supplies; instruments/instrument systems, automatic samplers, flow measurement, oil/protein/fiber analyzers; dehulling equipment; drying & aeration equipment, meal dryers; flaking & cracking equipment; meal handling equipment, hammermills, mixing equipment (dry), pelleting equipment, pulverizing equipment; milling equipmenT supplies, spare parts & repair; screeners/screening equipment; solvent extraction distillation equipment; analytical laboratory equipment; analytical laboratories.

Mid Continent Laboratories, Inc.
1279 Jackson Avenue, P.O. Box 1521,
Memphis, TN, 38101 U.S.A.;
PH: 901/725-1722; FAX: 901/278-4584.
OTHER OFFICES: Jackson, Greenwood, MS;
CONTACT: Donald Britton, Pres.
Analytical laboratories; inspection services; weighing services & surveys.

Mid-South Metric Components Company
2097 Winchester Road,
Memphis, TN, 38116 U.S.A.;
PH: 901/332-6669; FAX: 901/332-6433.
CONTACT: Marc H. Fell, Owner
Air classifiers; commercial grain cleaners; dehullinG equipment; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment, pulverizing equipment; milling equipment supplies, spare parts & repair; screeners/screening equipment; soy protein equipment & supplies; used equipment.

Midland Enterprises, Inc.
Affiliate of Eastern Gas & Fuel Associates
1400 - 580 Building, P.O. Box 1460,
Cincinnati, OH, 45201 U.S.A.;
PH: 513/721-4000; FAX: 413/721-4000
OTHER OFFICES: Hazel Crest, IL; Pittsburgh, PA; St. Louis, MO
CONTACT: Brent Ericson, Mgr., Grain Mkting.
Transportation, barge line.

Mikropul Environmental Systems
Affiliate of Hosokawa Micron International
102 American Road,
Morris Plains, NJ, 07950 U.S.A.;
PH: 201/606-5900; FAX: 201/267-9507.
CONTACT: Karen Palumbo, Admin. Coord.
Bags, bagging equipment; dust control systems & supplies.

★ Updated Listing
★★ New Listing

Mills Brothers International, Inc.
7066 S. 188th Street,
Kent, WA, 98032 U.S.A.;
PH: 206/575-3000; FAX: 206/251-0744;
TLX: (RCA) 298555 (MILLS UR).
CONTACT: Eric Mills, Vice Pres.
Warehousing: export/import, ocean port terminal;

Milltronics, Inc.
Affiliate of Federal Industries
709 Stadium Drive E.,
Arlington, TX, 76011 U.S.A.;
PH: 817/277-3543; FAX: 817/277-3894.
OTHER OFFICES: Peterborough, Ontario, CANADA; Worcester, Worcs., ENGLAND
CONTACT: Robert P. Stament, V.P./Gen. Mgr.
Instruments/instrument systems, flow measurement, material level, warning systems.

Mississippi River Grain Elevator, Inc.
200 Carondelet Street, Suite 1900, New Orleans, LA, 70130 U.S.A.;
PH: 504/592-4600; FAX: 504/525-5937;
TLX: (MCI) 6822036.
CONTACT: Al Iliss
Warehousing: export/import, U.S. interior.

N. Hunt Moore & Associates ★
3951 Senator Street,
Memphis, TN, 38118 U.S.A.;
PH: 901/362-3267; FAX: 901/794-4221.
CONTACT: Jack G. Moore, Pres.
Aspirators; dehulling equipment; drying & aeration equipment, conditioners & coolers, meal dryers; flaking & cracking equipment; meal handling equipment, pulverizing equipment; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers, flash/vapor; solvent extraction distillation equipment; degumming equipment; deodorization equipment; engineering services.

See Our Advertisement P. 119

Motomco, Inc.
267 Vreeland Avenue, P.O. Box 300,
Paterson, NJ, 07543 U.S.A.;
PH: 201/345-6200; FAX: 201/279-5958.
CONTACT: Anthony Abbate, Ad. Mgr.
Dust control systems & supplies.

Mycal Group, Nichii Company of America, Inc. ★
Affiliate of Nichii Company, Ltd., Japan
MAIN OFFICE: 23440 Hawthorne Blvd., Skypark 2, Suite 140, Torrance, CA, 90505 U.S.A.;
PH: 310/791-0010; FAX: 310/791-0018.
OTHER OFFICES: Jefferson, IA (mfg.)
CONTACT: Al Richardson, Dir., Mkting. & Sales, Soy Prods.
Soymilk & tofu equipment & supplies; MICROSOY™ soy flake processing equipment.

See Our Advertisement P. 54

Nash-Kinema, Inc. ★
Affiliate of Nash Engineering Company
700 Glassport-Elizabeth Road,
Elizabeth, PA, 15037 U.S.A.;
PH: 412/384-3610; FAX: 412/384-4880.
OTHER OFFICES: AUSTRALIA (Nash Vacuum Systems); São Paulo, BRAZIL (Nash Brazil); Winsford, Cheshire, ENGLAND (Nash Engineering Co. [GB] Ltd.); Oberursel, FEDERAL REPUBLIC OF GERMANY (Nash Pumpen GmbH); Seoul, KOREA (Nash Vacuum Systems); SINGAPORE (Nash Int'l Co.); Stockholm, SWEDEN (Nash Hyton); Tokyo, JAPAN (NASH INT'L).
CONTACT: Richard T. Leong, Prod. Sales Mgr.
Solvent extraction equipment; solvent extraction distillation equipment; bleaching & filtering equipment; deodorization equipment; fatty acid distillation equipment.

National Dryer Services, Inc.
P.O. Box 29, Prospect, KY, 40059 U.S.A.;
PH: 502/228-5353.
CONTACT: Terry L. Willis, Pres.
Drying & aeration equipment, conditioners & coolers, meal dryers; used equipment.

National Forge Company ★★
Engineered Systems Division, 1515 Lawrence St., Allentown, PA, 18102 U.S.A.;
PH: 215/434-6763; FAX: 215/432-2740.
CONTACT: Rodger Marentis
Solvent extraction equipment; flake desolventizers; solvent extractions distillation equipment; deodorization equipment; fractionation equipment; (super critical fluid extraction); analytical laboratory equipment.

National News Bureau
Box 5628, Philadelphia, PA, 19129 U.S.A.;
PH: 215/546-8088.
CONTACT: Editor
News wires.

Natural Foods Merchandiser ★
Affiliate of New Hope Communications
1301 Spruce Street,
Boulder, CO, 80302 U.S.A.;
PH: 303/939-8440; FAX: 303/939-9559.
CONTACT: Steven M. Hoffman, Editorial Dir.
Publications/informational services.

The Nay Company
423 S. College Street, P.O. Box 605,
Waxahachie, TX, 75165 U.S.A.;
PH: 214/937-1652; FAX: 214/923-2517.
CONTACT: Darell Nay, Pres.
Conveyors (drag or en masse); commercial grain cleaners; loading & unloading equipment, barge, truck; soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; construction contractors, complete plants; consultants, plant layout.

Neogen Corporation
620 Lesher Place, Lansing, MI, 48912 U.S.A.;
PH: 517/372-9200; FAX: 517/372-2006;
TWX: 936-220 (NEOGEN).
CONTACT: Melissa Herbert, Int'l. Sales
Instruments/instrument systems, grain analyzers; analytical laboratories.

Neuero Corporation
1201 Hawthorne Lane, West Chicago, IL, 60185 U.S.A.;
PH: 312/231-9020; FAX: 312/231-6120;
TLX: 210239 (NERO UR).
CONTACT: Mike Hill, Vice Pres., Sales
Conveyors (drag or en masse); loading & unloading equipment, barge, railroad, ship, truck.

New Jersey Feed Lab, Inc.
910 Pennsylvania Avenue, CN 06650,
Trenton, NJ, 08650 U.S.A.;
PH: 609/392-8818; FAX: 609/392-3271.
CONTACT: Carl Schultze, Pres.
Analytical laboratories.

New Jersey Soybean Industry Advisory Council
New Jersey Dept. of Agriculture, CN 330,
Trenton, NJ, 08625 U.S.A.;
PH: 609/292-8853; FAX: 609/984-5367.
CONTACT: Logan Brown, Council Liaison
Publications/informational services.

Nicolet Instrument Corporation ★★
5225 Verona Road,
Madison, WI, 53711-4495 U.S.A.;
PH: 608-271-3333 FAX: 608/273-5046.
CONTACT: Mike Garry, Prod. Mgr.
Instruments/instrument systems, oil/protein/fiber analyzers; analytical laboratory equipment; analytical laboratories; computer process control, hardware, programming, software.

The Nolan Company
1016 Ninth Street, S.W.,
Canton, OH, 44707-4108 U.S.A.;
PH: 614/269-2771; FAX: 614/269-1919.
CONTACT: Larry Longsworth, Chief Eng.
Loading & unloading equipment, railroad.

Norfolk Oil Transit, Inc. ★
P.O. Box 1756, Norfolk, VA, 23501 U.S.A.;
PH: 804/622-2687; FAX: 804/623-4935.
CONTACT: Kent D. Kimball, Vice Pres.
Warehousing: export/import, bulk liquid storage, ocean port terminal.

Norfolk Southern Corporation
204 S. Jefferson Street,
Roanoke, VA, 24042-0069 U.S.A.;
PH: 703/985-6794; FAX: 703/985-6363.
CONTACT: Carl H. Fariss, Mkting. Mgr., Agricult. & Food Prods.
Transportation, railroad company.

Nosawa New York, Inc. ★
Affiliate of Nosawa & Company, Ltd., Japan
350 Fifth Avenue, Empire State Building, Suite 7616-7618, New York, NY, 10118 U.S.A.;
PH: 212/594-3323; FAX: 212/563-0072;
TLX: 234690 (NOSN UR).
CONTACT: Ike Yamamura, Sales Mgr.
Coagulants for tofu; soyfoods packaging equipment & supplies; soymilk & tofu equipment & supplies.

See Our Ads P. 139 & 149

Ohaus Corporation
Affiliate of Mettler USA
29 Hanover Road, P.O. Box 900,
Florham Park, NJ, 07932 U.S.A.;
PH: 201/377-9000; FAX: 201/593-0359;
TLX: 685-3191 (OHAUSUW).
CONTACT: John Zorn, Nat'l. Sales Mgr.
Instruments/instrument systems, control, moisture testers; scales; computer process control, hardware, programming, software; weighing services & surveys.

The Ohio River Company & Orgulf Transport Co. ★
Affiliate of Midland Enterprises Inc.
P.O. Box 1460, Cincinnati, OH, 45201 U.S.A.;
PH: 513/721-4000.
OTHER OFFICES: St. Louis, MO; Chicago, IL; Pittsburgh, PA; Cincinnati, OH.
CONTACT: Carol Leigh, Mgr., Mkt. Comm.
Transportation, barge line.

Oil Mill Gazetteer ★★
P.O. Box 590483,
Houston, TX, 77259-0483 U.S.A.;
PH: 713/480-7889; FAX: 713/334-4619.
Publications/informational services (Oil Mill Gazetteer Magazine).
CONTACT: Paula Kolmar

See Our Advertisement P. 133

Oil-Dri Corporation of America ★
520 N.Michigan Ave.,
Chicago, IL, 60611 U.S.A.;
PH: 312/321-1515; FAX: 312/321-9525.
CONTACT: Fielden Fraley, Gen. Mgr.
Anti-caking agents; bleaching clays/earths.

See Our Advertisement P. 148

Oliver Manufacturing Company, Inc.
17777 Highway 50, P.O. Box 512,
Rocky Ford, CO, 81067 U.S.A.;
PH: 719/254-7814;
TLX: 709253 (OLIVER MFR CO).
CONTACT: Thomas Helman, Sales Mgr.
Commercial grain cleaners; screeners/screening equipment.

Omnion, Inc. ★★
MAIN OFFICE: P.O. Box 0,
Rockland, MA, 02370 U.S.A.;
PH: 617/878-7200 FAX: 617/878-7465.
CONTACT: Frank McGovern, President
Instruments/instrument systems, oil/protein/fiber analyzers; analytical laboratory equipment; publications/informational services.

Osmonics Inc.
5951 Clearwater Drive,
Minnetonka, MN, 55343 U.S.A.;
PH: 612/933-2277; FAX: 612/933-0141;
TLX: 29-0847.
Analytical laboratory equipment; waste water treatment supplies.

Oxford Analytical Inc.
130A Baker Avenue Extension,
Concord, MA, 01742 U.S.A.;
PH: 508/371-9009; FAX: 508/371-0204.
CONTACT: Kenneth R. Davis, Sales Mgr.
Instruments/instrument systems, oil/protein/fiber analyzers, quality control metal detection; analytical laboratory equipment.

P.A.T.M. Company ★
RR #2, P.O. Box 1, Swan, IA, 50252 U.S.A.;
PH: 515/848-3760; FAX: 515/848-3760.
CONTACT: Douglas Downing, Pres.
Dust control systems & supplies; instruments/instrument systems, material level; loading & unloading equipment, barge, ship, truck; meal handling equipment, mixing equipment (dry), pelleting equipment, pulverizing equipment; solvent extraction equipment; condensers; solvent extraction distillation equipment; crude oil storage (tanks), s.s. tanks; fatty acid distillation equipment; heat exchangers; refining/neutralization equipment, chemical; antioxidants; emulsifiers; used equipment; waste water treatment equipment (tank s.s.).

Pagaza & Sons Company ★
5400 Mitchelloale B8,
Houston, TX, 77092 U.S.A.;
PH: 713/680-2152; FAX: 713/680-1446.
OTHER OFFICES: Mexico City, MEXICO
CONTACT: Jose M. Pagaza, Pres.
Consultants, marketing; warehousing: export/import.

Paine Webber, Inc.
141 W. Jackson Blvd., 2nd Floor, Box 8,
Chicago, IL, 60604 U.S.A.;
PH: 312/580-8750; FAX: 312/580-1676.
OTHER OFFICES: New York, NY
CONTACT: Jim Harding, Mgr.
News wires, commodity.

Parkans International, Inc. ★★
5521 Armour Drive, P.O. Box 15519,
Houston, TX, 77020 U.S.A.;
PH: 713/675-9141; FAX: 713/675-4771;
TLX: 775283 (LO PARKO) .
CONTACT: Mary Collins
Spent catalyst recyclers.

See Our Advertisement P. 240

Perstorp Analytical, Inc. ★
12101 Tech Road,
Silver Spring, MD, 20904-1915 U.S.A.;
PH: 301/680-0001; FAX: 301/989-1485.
CONTACT: Angela C. Sasso, Adv. Specialist
Instruments/instrument systems, grain analyzers, moisture testers, oil/protein/fiber analyzers; analytical laboratory Equipment; waste water treatment equipment.

Perten Instruments North America ★★
5303 Louie Lane, Suite 1,
Reno, NV, 89511 U.S.A.;
PH: 702/829-8199; FAX: 702/829-8196.
CONTACT: Scott Reed, President
Instruments/instrument systems, grain analyzers, moisture testers, oil/protein/fiber analyzers; meal handling equipment, hammermills; soymilk & tofu equipment & supplies; soy protein equipment & supplies; analytical laboratory equipment.

Phillips 66 Company
328 Phillips Building Annex,
Bartlesville, OK, 74004 U.S.A.;
PH: 918/661-0875; FAX: 918/661-8379;
TLX: 49-2455.
OTHER OFFICES: Tulsa, OK (Arrowhead Marketing Services)
CONTACT: Jim Adams, Mgr., Hydrocarbon Solvents
Dust control systems & supplies; solvents.

Phys-Chem Scientific Corp. ★
36 W. 20th Street,
New York, NY, 10011 U.S.A.;
PH: 212/924-2070; FAX: 212/243-7352;
TLX: 620706 (PHYS CHEM).
CONTACT: Tom McDermott, Technical Sales
Instruments/instrument systems, moisture testers (measure relative humidity & temperature).

C. A. Picard Inc. ★
Affiliate of Carl Aug. Picard GmbH & Co. KG
103 S. Eleventh Street,
West Des Moines, IA, 50265 U.S.A.;
PH: 515/222-1855; FAX: 515/222-1856.
OTHER OFFICES: Battle Creek, MI; Belleville, KS
CONTACT: Lon Smallridge, Sales Mgr.
Cookers/extruders/roasters; milling equipment supplies, spare parts & repair; presses, continuous screw.

Pitt-Des Moines, Inc. ★
3400 Grand Avenue, Neville Island,
Pittsburgh, PA, 15225 U.S.A.;
PH: 412/331-3000; FAX: 412/331-3188.
CONTACT: Rich Hill
Solvent extraction equipment; supercritical fluid (SFE); solvent extraction distillation equipment; supercritical fluid; deodorization equipment; fatty acid distillation equipment; fractionation equipment.

Plant Maintenance Service Corporation ★
3000 Fite Road, P.O. Box 280883,
Memphis, TN, 38168 U.S.A.;
PH: 901/353-9880; FAX: 901/353-0882;
TLX: 510-100-2930.
OTHER OFFICES: Memphis, TN
CONTACT: Harold H. Perry, Vice Pres.
Conveyors (drag or en masse); cookers/extruders/roasters; coolers, fluidized bed; drying & aeration equipment, conditioners & coolers; flaking & cracking equipment; solvent extraction equipment; condensers; solvent extraction distillation equipment; crude oil storage (tanks); deodorization equipment; fatty acid distillation equipment; heat exchangers; hydrogenation equipment; oil dryers.

Pope Testing Laboratories, Inc.
2618 Main Street, P.O. Box 903,
Dallas, TX, 75221 U.S.A.;
PH: 214/742-8491; FAX: 214/748-2999.
CONTACT: Leon S. Hunter, Pres.
Analytical laboratories.

Port of Houston Authority
P.O. Box 2562, Houston, TX, 77252 U.S.A.;
PH: 713/670-2563; FAX: 713/670-2438;
TLX: (WU) 792623 (HOUPUBHOU).
CONTACT: Glenn Fellner, Mgr., Bulk Facility
Transportation, barge line, ocean freight line; warehousing: export/import, U.S. interior port, ocean port terminal.

Prater Industries, Inc. ★
1515 S. 55th Court,
Chicago, IL, 60650 U.S.A.;
PH: 708/656-8500; FAX: 708/656-8576;
TLX: 284312.
CONTACT: Michael G. Apple, Cust. Ser. Mgr.
Air classifiers; instruments/instrument systems, control, warning systems; scales; flaking equipment; meal handling equipment, hammer mills, mixing equipment (dry), pulverizing equipment; milling equipment supplies, spare parts & repair; screeners/screening equipment; computer process control, programming, software.

See Our Advertisement P. 129

Praxis Business & Economic Studies ★★
P.O. Box 2247,
Columbia, MD, 21045 U.S.A.;
PH: 410/290-7128; FAX: 410/381-2147.
CONTACT: John H. Young or Sara R. Walter
Consultants, marketing (economic studies).

Pro-Fab, Inc.
1050 A. W. Jefferson Street,
Morton, IL, 61550 U.S.A.;
PH: 309/263-8454; FAX: 309/263-1464.
CONTACT: Stephen Kopetz, Pres., Shop or Hank Braner, Vice Pres., Construction
Conveyors (drag or en masse); cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; solvent extraction equipment; condensers; flake desolventizers, flash/vapor; crude oil storage (tanks); deodorization equipment; fat splitters; fatty acid distillation equipment; fractionation equipment; heat exchangers; hydrogenation equipment; oil dryers; margarine equipment; shortening equipment; soy protein equipment & supplies; waste water treatment equipment; construction, complete plants; protein plants; consultants, equipment, plant layout; engineer services; inspection services.

Process Systems, Inc. (PSI) ★
1790 Kirby Parkway, Suite 300,
Memphis, TN, 38138 U.S.A.;
PH: 901/756-8250; FAX: 901/756-8253.
OTHER OFFICES: Decatur, IL
CONTACT: Leo McKittrick, V.P.., Bus. Dev.
Instruments/instrument systems; condensers; bleaching & filtering equipment; crude oil storage (tanks); fractionation equipment; hydrogenation equipment; oil dryers; refining/neutralization equipment, chemical, physical; soapstock equipment; engineering services; computer process control, hardware, programming, software; construction contractors, complete plants, protein plants; consultants, equipment, industrial processes, plant layout, product development.

Prochem Mixing Equipment, Inc. ★
Division of Prochem Ltd., Canada
1301 W. 22nd Street, Suite 501,
Oak Brook, IL, 60521 U.S.A.;
708/990-7770; FAX: 708/990-7772.
OTHER OFFICES: Snellville, GA; Mendon, NY; Brampton, ONTARIO CANADA
Agitators (liquid).

Professional Farmers of America
219 Parkade, Cedar Falls, IA, 50613 U.S.A.;
PH: 319/277-1278.
CONTACT: Bob Coffman, Man. Editor
Consultants, marketing; news wires, commodity; publications/informational services.

★ Updated Listing
★★ New Listing

Progressive Development Intl., Inc. ★
550 Progress Drive,
Hartland, WI, 53029 U.S.A.;
PH: 414/367-5044; FAX: 414/367-8123.
CONTACT: Lowell C. Frank, Pres.
Dust control systems & supplies; drying & aeration equipment, meal dryers.

Proin, Inc. ★★
142 North Irving Blvd.,
Los Angeles, CA, 90004 U.S.A.;
PH: 213/871-1528; FAX: 213/871-0962.
Milling equipment supplies, spare parts & repair, presses, continuous screw; solvents; used equipment.
CONTACT: Jaime E. Ruiz, Pres.

Protein Research Associates
1999 Pike Ave.,
San Leandro, CA, 94577-6706 U.S.A.;
PH: 415/845-7614.
CONTACT: Theodore Aarons, Dir.
Consultants, product development; contract research (pilot scale).

Quadro, Inc. ★
3 Wiedemann Avenue,
Clifton,, NJ, 07011-3412 U.S.A.;
PH: 201/772-1266; FAX: 201/772-2232.
CONTACT: Dave Adams, Pres.
Meal handling equipment, hammer mills, mixing equipment (dry), pulverizing equipment; milling equipment supplies, spare parts & repair; screeners/screening equipment.

R & D Equipment Sales Company ★★
1 Summit Avenue, Suite 1000,
Ft. Worth, TX, 76102 U.S.A.;
PH: 817/870-1173. FAX: 817/877-5630.
CONTACT: Ralph Romero, Pres. & Gen. Mgr.
Air classifiers; aspirators; commercial grain cleaners; conveyors (drag or en masse); dust control systems & supplies; loading & unloading equipment; scales; soybean storage equipment & supplies, elevator & silo storage; cookers/extruders/roasters;dehulling equipment; drying & aeration equipment, conditioners & coolers, meal dryers; flaking & cracking equipment; meal handling equipment, hammermills, mixing equipment (dry), pelleting equipment, pulverizing equipment; milling equipment supplies, spare parts & repair; presses, continuous screw; screeners/screening equipment; solvent extraction equipment; condensers; flake desolventizers; solvent extraction distillation equipment; solvent vapor detection & control; agitators (liquid); bleaching & filtering equipment; bleaching clays/earths; centrifuges; deodorization equipment; fat splitters/separators; filter presses; fractionation equipment; heat exchangers; emulsifiers; margarine equipment; shortening equipment; used equipment.

The Rapat Corporation ★
Sales Dept., Hawley Industrial Park,
Hawley, MN, 56549 U.S.A.;
PH: 218/483-3344; FAX: 218/483-3535.
CONTACT: Mike Spillum, Sales
Conveyors (drag or en masse); loading & unloading equipment, barge, railroad, ship, truck.

RBD Technologies ★
1760 W. 34th Avenue,
Eugene, OR, 97405 U.S.A.;
PH: 503/484-9512; FAX: 503/484-3930.
CONTACT: Kenneth F. Carlson, Pres.
Consultants, equipment, industrial processes, plant layout, product development, engineering services, inspection services.

Jeffrey H. Reinhardt ★★
433 Main Street,
Half Moon Bay, CA, 94019 U.S.A.;
PH: 415/726-8110; FAX: 415/726-0467.
Analytical laboratories (nutritional-biochemistry and residue analysis); consultants, industrial processes, product development, (food labeling and nutrient content claims).

RELCO Unisystems Corp. ★
517 E. Benson Ave.,
Willmar, MN, 56201 U.S.A.;
PH: 612/231-2210; FAX: 612/231-2282.
CONTACT: Douglas Rolland, V. Pres.
Instruments/instrument systems, control. Consultants, industrial processes, plant layout; engineering services.

Reliance Electric Company
P.O. Box 17438, Cleveland, OH, 44117 U.S.A.;
PH: 800/245-4501.
CONTACT: Pat Brown, Adv. Mgr.
Conveyors (drag or en masse); instruments/instrument systems, automatic samplers; scales; soybean storage equipment & supplies, elevator & silo storage; milling equipment supplies, spare parts & repair; analytical laboratory equipment.

Rhône-Poulenc Inc. ★★
Specialty Chemicals Division, CN 7500,
Cranbury, NJ, 09152-7500 U.S.A.;
PH: 609/395-8300.
CONTACT: Maurice Donovan
Anti-caking agents; antioxidants; waste water treatment equipment, (chemicals).

River Grain Company
900 Catlett Street, P.O. Box 200,
Hickman, KY, 42050 U.S.A.;
PH: 502/236-9000; FAX: 502/236-3773.
CONTACT: Jack Hudgens, Mgr.
Warehousing: export/import, U.S. interior port.

Roach Ag. Marketing Ltd. ★
Highway 141 & 12th Street, P.O. Box 388,
Perry, IA, 50220 U.S.A.;
PH: 515/465-5381; 800/622-7628;
FAX: 515/465-5833.
CONTACT: John Roach, Pres.
Consultants, marketing, publications/informational services.

Robinson Milling Systems
2955 Fairfax Trafficway,
Kansas City, KS, 66115 U.S.A.;
PH: 913/621-6466; FAX: 913/621-1729.
OTHER OFFICES: Toronto, Ont., CANADA
CONTACT: Ben J. Ross, Sales Mgr.
Aspirators; milling equipment supplies, spare parts & repair; screeners/screening equipment.

George A. Rolfes Company ★
P.O. Box 458, Boone, IA, 50036 U.S.A.;
PH: 515/432-3300; FAX: 515/432-6919;
TWX: 910-520-2431.
CONTACT: Myron Oliver, Sales Mgr.
Dust control systems & supplies; instruments/instrument systems, control, temperature monitors; drying & aeration equipment.

Rose International ★
P.O. Box 5020,
Santa Rosa, CA, 95402-5020 U.S.A.;
PH: 707/576-7050; FAX: 707/545-7116.
CONTACT: Richard Rose, Pres.
Consultants, equipment, marketing, industrial processes, product development; contract research (pilot scale).

Roskamp Champion ★
Affiliate of California Pellet Mill Co.
2975 Airline Circle,
Waterloo, IA, 50703 U.S.A.;
PH: 319/232-8444; FAX: 319/236-0481.
OTHER OFFICES: Crawfordsville, IN
Dehulling equipment; flaking & cracking equipment; meal handling equipment, hammermills, pulverizing equipment; milling equipment supplies, spare parts & repair.

Rotex Inc. ★
1230 Knowlton Street,
Cincinnati, OH, 45223 U.S.A.;
PH: 513/541-1236; FAX: 513/541-4888.
CONTACT: Roger Robins
Commercial grain cleaners; screeners/screening equipment.

Sa Bean ★★
131 No. Main Street,
Gordon, NE, 69343 U.S.A.;
PH: 308/282-0542.
CONTACT: Mr. Jerry Saub, President
Consultants, product development.

L. A. Salomon Inc. ★
Affiliate of Süd-Chemie AG
150 River Road, Bldg. A-4,
Montville, NJ, 07045 U.S.A.;
PH: 201/335-8300; FAX: 201/335-1236.
CONTACT: T.E. Neuman, Exec. V.P.
Bleaching clays/earths.

Sanders Elevator Corp. ★
North Sharpe Avenue, P.O. Box 1169,
Cleveland, MS, 38732 U.S.A.;
PH: 601/843-2394; FAX: 601/843-6250.
CONTACT: Sonny King, Secy./Treas.
Warehousing: export/import, U.S. interior.

E. W. Saybolt & Company, Inc. ★
450 Swenson Dr.,
Kenilworth, NJ, 07033 U.S.A.;
PH: 908/245-3100; FAX: 928/245-5828
OTHER OFFICES: Houston, TX; Philadelphia, PA; Wilmington, CA.
CONTACT: Shams Mustafa, Mgr., Agri.
Analytical laboratories; inspection services; weighing services & surveys.

Scandura, Inc.
Affiliate of BBA Group plc
1801 N. Tryon Street, P.O. Box 30606,
Charlotte, NC, 28230 U.S.A.;
PH: 704/334-5353; FAX: 704/334-6301;
TWX: 810-621-7880.
OTHER OFFICES: Port Clinton, OH; Bracebridge, Ontario, CANADA
CONTACT: Chuck Robbins, Mgr., Mkt. Services
Conveyors.

Schipke Engineers
5100 Thimsen Avenue,
Minnetonka, MN, 55345 U.S.A.;
PH: 612/474-3295; FAX: 612/474-3298.
CONTACT: John Ringstom, Pres.
Computer process control, hardware; consultants, equipment, industrial processes, plant layout; engineering services.

Schlagel, Inc. ★
491 N. Emerson Avenue, P.O. Box 353,
Cambridge, MN, 55008 U.S.A.;
PH: 612/689-5991; FAX: 612/689-5310.
CONTACT: Al Havemeier, Vice Pres.
Conveyors (drag or en masse); loading & unloading equipment, barge, railroad, ship, truck; soybean storage equipment & supplies, elevator & silo storage.

Schnupp's Grain Roasting, Inc. ★
R.D. 6, Box 840, Lebanon, PA, 17042 U.S.A.;
PH: 717/865-6611; FAX: 717/865-7334.
CONTACT: Dale L. Schnupp, Pres.
ROAST-A-MATIC GRAIN ROASTER cookers/extruders/roasters.

Schroeder, Inc. ★★
Affiliate of Schroder Kombinator
3951 Senator St.,
Memphis, TN, 38118 U.S.A.;
PH: 901/375-4067; FAX: 901/375-4069.
CONTACT: Jim Warren
Heat exchangers; margarine equipment; shortening equipment; engineering services.

H.F. Scientific ★
3170 Metro Parkway,
Ft. Myers, FL, 33916 U.S.A.;
PH: 813/337-2116; FAX: 813/332/7643.
OTHER OFFICES: Salisbury, Wiltshire, ENGLAND (Tintometer Ltd.); Dortmund, GERMANY (Tintometer GmbH)
CONTACT: Barry L. Liner, Prod. Mgr.
Instruments/instrument systems (color measurement). Analytical laboratory equipment.

Scoular Grain Company
2027 Dodge Street,
Omaha, NE, 68102 U.S.A.;
PH: 402/342-3500; FAX: 402/342-5568.
OTHER OFFICES: Kansas City, MO; Fresno, CA
CONTACT: Duane A. Fischer, Pres.
Warehousing: export/import, U.S. interior.

Screw Conveyor Corporation
700 Hoffman Street,
Hammond, IN, 46327 U.S.A.;
PH: 219/931-1450; TWX: 510-601-7007;
FAX: 219/931-0209.
OTHER OFFICES: Visalia, CA (Screw Conveyor Pacific Corp. (office & mfg.); Chanute, KS (Screw Conveyor Corp., mid-states div. (office & mfg.); Winona, MS (office & mfg.); Atlanta, GA (office)
CONTACT: Dwight L. Snow, V.P., Sales & Mkting.
Conveyors (drag or en masse); loading & unloading equipment, truck.

Seaboard Trading Limited
Affiliate of Seaboard Corp.
9000 W. 67th Street, P.O. Box 2972, Shawnee Mission, KS, 66201 U.S.A.;
PH: 809/295-0925; FAX: 809/295-0925;
TLX: 3487 (SAMVA).
CONTACT: Luis H. Rodriguez, V.P., Trading
Transportation, ocean freight line.

Seedburo Equipment Company
1022 W. Jackson Blvd.,
Chicago, IL, 60607 U.S.A.;
PH: 312/738-3700; FAX: 312/738-5329;
TLX: 270378 (SEEDBURO CGO).
OTHER OFFICES: Minneapolis, MN (Gamet Mfg. Co.)
CONTACT: Kathy Reading, Sales Mgr.
Aspirators; bags, bagging equipment; conveyors (drag or en masse); commercial grain cleaners; instruments/instrument systems, automatic samplers, grain analyzers, material level, moisture testers, oil/protein/fiber analyzers, quality control metal detection, temperature monitors; scales; soy protein equipment & supplies; analytical laboratory equipment.

Separators, Inc. ★★
747 E. Sumner Ave.,
Indianapolis, IN, 46227 U.S.A.;
PH: 317/786-7832; FAX: 317/782-3384.
CONTACT: Warren Hyde
Centrifuges; fat splitters/separators.

SGS Control Services, Inc.
Affiliate of SGS North America
1019 Harbor Avenue, P.O. Box 13484,
Memphis, TN, 38113 U.S.A.;
PH: 901/775-1766; FAX: 901/775-3308.
OTHER OFFICES: St. Rose, LA; Carteret, NJ; Houston, TX
CONTACT: Bill Lyons, Regional Mgr.
Analytical laboratories; inspection services; weighing services & surveys.

Shanzer Grain Dryers ★
Affiliate of D&W Industries
Box 834, Sioux Falls, SD, 57101 U.S.A.;
PH: 605/336-0435; FAX: 605/336-9569.
CONTACT: Dave Leuning, Sales
Drying & aeration equipment, grain dryers.

Shivvers, Inc.
614 W. English, P.O. Box 467,
Corydon, IA, 50060 U.S.A.;
PH: 515/872-1005; TLX: 910-520-1970 (SHIVVERS CRYD).
CONTACT: Roy Truax, Sales Mgr.
Drying & aeration equipment, grain dryers.

SHW, Inc. ★★
P.O. Box 238,
Torrington, CT, 06790-0238 U.S.A.;
PH: 203/496-8888; FAX: 203/482-9437.
CONTACT: Hans-Hermann Klein, Vice Pres.
Flaking & cracking equipment; meal handling equipment.

Siftex Equipment Company ★
36 Kent Lane, So. Windsor, CT, 06074 U.S.A.;
PH: 800/274-3839. FAX: 203/648-9041.
CONTACT: Steve Well, Gen. Mgr.
Dust control systems & supplies; milling equipment supplies, spare parts & repair; screeners/screening equipment; used equipment.

Sikes Machine Shop, Inc.
2100 Industrial Drive, P.O. Box 370,
Slaton, TX, 79364 U.S.A.;
PH: 806/828-6568; FAX: 806/828-6569.
CONTACT: Donald Sikes, Vice Pres.
Cookers/extruders/roasters; presses, continuous screw; solvent extraction equipment.

Simes, Inc.
Box 38, Walters, MN, 56092 U.S.A.;
PH: 507/294-3780.
CONTACT: Jerry Hanson, Bus. Mgr.
Drying & aeration equipment, grain dryers.

Simons-Conkey, Inc. ★
Affiliate of H. A. Simons Ltd.
Towle Building, 330 2nd Avenue, So., Suite 545, Minneapolis, MN, 55401 U.S.A.;
PH: 612/332-8326; FAX: 612/332-2423.
OTHER OFFICES: Atlanta, GA (Simons-Eastern Consultants Inc.); Vancouver, B.C.; Montreal; Toronto, Ontario, CANADA (H. A. Simons Ltd.); São Paulo, BRAZIL (Natron-Simons); Melbourne, Victoria, AUSTRALIA (H. A. Simons Ltd.); Auckland, N.I., NEW ZEALAND (Beca Simons Ltd.)
CONTACT: George J. Chuba, Mgr., Bus. Dev.
Computer process control, hardware, programming, software; construction contractors, complete plants, protein plants; consultants, equipment, industrial processes, plant layout; product development; engineering services; inspection services.

Simons-Eastern Consultants Inc. ★
Affiliate of H. A. Simons Ltd.
1 W. Court Square, P.O. Box 1286,
Atlanta, GA, 30301-1286 U.S.A.;
PH: 404/370-3200; FAX: 404/370-3686.
OTHER OFFICES: Minneapolis, MN (Simons Conkey.); Vancouver, B.C.; Montreal; Toronto, Ontario, CANADA (H. A. Simons Ltd.); São Paulo, BRAZIL (Natron-Simons); Melbourne, Victoria, AUSTRALIA (H. A. Simons Ltd.); Auckland, N.I., NEW ZEALAND (Beca Simons Ltd.)
CONTACT: Bill Vaughn, Mgr., Food Bev. & Consumer Prods.
Computer process control, hardware, programming, software; construction contractors, complete plants, protein plants; consultants, equipment, plant layout, industrial processes, product development; engineering services; inspection services.

Slidell, Inc.
1234 Brady Blvd., N.W., P.O. Box 710,
Owatonna, MN, 55060 U.S.A.;
PH: 507/451-0365; FAX: 507/451-2405.
CONTACT: Dale Benjamin, Sales Mgr.
Bags, bagging equipment; conveyors (drag or en masse); instruments/instrument systems, material level; soyfoods packaging equipment & supplies; used equipment.

Smico Manufacturing Corp.
500 N. MacArthur Blvd., Oklahoma City, OK, 73127 U.S.A.;
PH: 405/946-1461 or 800/351-9088;
FAX: 405/946-1472.
CONTACT: Bill Belous, Pres. & Gen. Mgr.
Air classifiers; aspirators; commercial grain cleaners; dust control systems & supplies; dehulling equipment; screeners/screening equipment; waste water treatment equipment.

Smith, Barney, Harris, Upham & Company, Inc.
3 First National Plaza, 51st Floor,
Chicago, IL, 60602 U.S.A.;
PH: 312/419-3422; FAX: 312/419-3430.
CONTACT: John Benjamin, Man. Dir.
News wires, commodity.

A. R. Smith & Company, Inc.
2217 - 152nd, N.E., P.O. Box 6369,
Bellow, WA, 98007 U.S.A.;
PH: 206/643-4515; TLX: (WU) 3102508154 (A.R. SMITH CO UQ).
CONTACT: Bruce Heyduck, Mdser.
Transportation, trucking firm; warehousing: export/import, ocean port terminal.

Norman O. V. Sonntag, PhD. ★
306 Shadow Wood Trail,
Red Oak, TX, 75154 U.S.A.;
PH: 214/617-3033; FAX: 214/780-7393.
CONTACT: Norman O.V. Sonntag, Pres.
Consultants, equipment, marketing, industrial processes, product development.

Sosland Publishing Company
4800 Main Street, Suite 100,
Kansas City, MO, 64112 U.S.A.;
PH: 816/756-1000; FAX: 816/756-0494.
CONTACT: Carol D. Kaskie, Promotion Mgr.
Publications/informational services.

The South American News Agency, Inc.
151 W. 46th Street, 11th Floor,
New York, NY, 10036 U.S.A.;
PH: 212/840-2210; FAX: 212/575-4985.
CONTACT: Paulo Gilkas
News wires, commodity; publications/information services.

Southern Testing and Research Laboratories, Inc. ★
3709 Airport Drive, Wilson, NC, 27893 U.S.A.;
PH: 919/237-4175; FAX: 919/237-9341.
CONTACT: Kenneth Boyer, Pres, Tech. Dir.
Analytical laboratories.

Soyatech, Inc. ★
318 Main Street, P.O. Box 84,
Bar Harbor, ME, 04609 U.S.A.;
PH: 207/288-4969; FAX: 207/288-5264.
CONTACT: Peter Golbitz, Pres./Publisher
Consultants; equipment, industrial processes, marketing (specialized market studies); plant layout, product development; contract research (pilot scale); news wires, commodity; publications/informational services (Soya Bluebook).

See Our Advertisement P. 99

Soybean Digest ★
Affiliate of The American Soybean Association
540 Maryville Centre Drive, P.O. Box 411007,
St. Louis, MO, 63141-1007 U.S.A.;
PH: 314/576-2788; FAX: 314/576-2786.
CONTACT: Gregg Hillyer, Editor
Publications/informational services.

Soyfoods Center ★
P.O. Box 234,
Lafayette, CA, 94549-0234 U.S.A.;
PH: 510/283-2991; FAX: 510/283-9091.
CONTACT: William Shurtleff, Pres.
Consultants, equipment, industrial processes, marketing, plant layout, product development; publications/informational services.

Soypro International, Inc.
314 Main Street,
Cedar Falls, IA, 50613 U.S.A.;
PH: 319/277-4700; FAX: 319/266-8544;
TLX: (WU) 465653 (SOYPRO).
CONTACT: Robbins W. Fischer, Pres.
Consultants, industrial processes, plant layout, product development; engineering services.

★ Updated Listing
★★ New Listing

Sparks Companies, Inc. ★
889 Ridge Lake Blvd.,
Memphis, TN, 38187-0339 U.S.A.;
PH: 901/766-4600; FAX: 901/766-4695;
TLX: 823299.
CONTACT: Bruce Scherr, Exec. Vice-Pres.
Consultants, marketing; news wires, commodity; publications/informational services.

Specialty Fabrication, Inc.
1517 N. Santa Fe,
Wichita, KS, 67214 U.S.A.;
PH: 316/264-0603.
CONTACT: Daniel J. Phillippi, Pres.
Aspirators; dust control systems & supplies; soybean storage equipment & supplies, elevator & silo storage.

H. C. Spinks Clay Company, Inc. ★
Highway 79, So., P.O. Box 820,
Paris, TN, 38242 U.S.A.;
PH: 901/642-5414; FAX: 901/642-5493;
TWX: 810-592-7104 (SPINKS PRIS) .
CONTACT: H. L. Vogel, Secy.
Anti-caking agents.

Sprout-Bauer, Inc.
Affiliate of Asia Brown Boveri
SherMan Street, Muncy, PA, 17756 U.S.A.;
PH: 717/546-8211; FAX: 717/546-1140.
OTHER OFFICES: AUSTRIA; Orleans, FRANCE; Sydney, AUSTRALIA
CONTACT: Gary Staggs, Vice Pres., Units
Aspirators; conveyors (drag or en masse); cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers; flaking & cracking equipment; meal handling equipment, mixing equipment (dry), pelleting equipment, pulverizing equipment; milling equipment supplies, spare parts & repair; presses, continuous screw; screeners/screening equipment; bleaching & filtering equipment; consultants, equipment, plant layout; engineering services.

Star Systems, Filtration Division ★
Affiliate of The Hilliard Corporation
101 Kershaw Street, P.O. Box 518,
Timmonsville, SC, 29161 U.S.A.;
PH: 803/346-3101; FAX: 803/346-3736;
TLX: 932400.
CONTACT: Scott Thomas, Sales Mgr.
FiLter presses.

Steelcraft Corporation ★
2700 Jackson Avenue, P.O. Box 12748,
Memphis, TN, 38182-0748 U.S.A.;
PH: 901/452-5200; FAX: 901/452-3714.
CONTACT: Will A. Hord, Pres.
Dust control systems & supplies.

Stout Industrial
11202 Sylvania Avenue,
Berkey, OH, 43504 U.S.A.;
PH: 419/829-2538; FAX: 419/843-4762.
CONTACT: Herman Langenderser, Pres.
Loading & unloading equipment, barge, railroad, ship, truck; Scales; soybean storage equipment & supplies, building (flat storage), elevator & silo storage; construction contractors, complete plants.

Strayer Seed Farms ★
162 West Hwy. 58, P.O. Box 690,
Hudson, IA, 50643 U.S.A.;
PH: 319/988-4187; FAX: 319/988-3922.
CONTACT: Dennis Strayer, Gen. Mgr.
Consultants, marketing; soybeans for food use, organically grown soybeans.

See Our Advertisement P. 58

Stuart Equipment Company ★
2300 Commonwealth, P.O. Box 469,
No. Chicago, IL, 60064-0469 U.S.A.;
PH: 708/473-4500; FAX: 708/473-4504.
CONTACT: Sales Dept.
Used equipment.

Sturtevant Inc. ★
103 Clayton Street,
Boston, MA, 02122 U.S.A.;
PH: 617/825-6500; FAX 617/282-0776;
TLX: 94-0677.
CONTACT: William Sturtevant English, Jr., Sales Mgr.
Air classifiers; aspirators; impact pin mills.

Sulzer Chemtech
North American Operations, 2901 Wilcrest, Suite 450,
Houston, TX, 77042 U.S.A.;
PH: 713/780-4200; FAX: 713/780-2848.
OTHER OFFICES: Ravensburg, GERMANY (Sulzer-Escher Wyss GmbH)
CONTACT: Peter Tronsberg, Mgr.
Dryers & coolers, fluidized bed; dehulling equipment; drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers.

Superior Welding Company
900 E. Division Street, P.O. Box 949, Decatur, IL, 62525-0949 U.S.A.;
PH: 217/422-4333; FAX: 217/425-1536;
TLX: 250-135 (SUPWELD DTR).
CONTACT: Kenneth E. Stolley, V.P.& Gen. Mgr.
Drying & aeration equipment, conditioners & coolers, grain dryers, meal dryers; solvent extraction equipment; condensers; flake desolventizers, normal DT; solvent extraction distillation equipment; crude oil storage (tanks); heat exchangers.

Sweco, Inc. ★
7120 Buffington Road,
Florence, KY, 41022 U.S.A.;
PH: 606/727-5191; FAX: 606/727-5122.
OTHER OFFICES: Toronto, Ontario, CANADA; Nivelles, BELGIUM; SINGAPORE
CONTACT: Dennis Reineraman, Tech Mkt. Mgr.
Screeners/screening equipment.

Sweet Manufacturing Company ★
2000 E. Leffel Lane, P.O. Box 1086,
Springfield, OH, 45501 U.S.A.;
PH: 513/325-1511 or 800/334-7254; FAX: 513/322-1963; TLX: 205428 (SWEET SPI).
CONTACT: Mark Myers, Sales Mgr.
Soybean storage equipment & supplies, elevator & silo storage; Conveyors. Roasters.

Tanaco Products
3860 Loomis Trail Road,
Blaine, WA, 98230 U.S.A.;
PH: 206/332-6010.
OTHER OFFICES: Vancouver, B.C., CANADA (sales office)
CONTACT: Annelie Hoyer, Pres.
Margarine equipment (valves); shortening equipment (valves); used equipment (valve rebuilding).

Taus Trading Company
327 S. LaSalle Street, Suite 1000,
Chicago, IL, 60604 U.S.A.;
PH: 312/408-5600; FAX: 312/408-0903.
OTHER OFFICES: Atlanta, GA
CONTACT: Christian A. Taus, Pres.
Consultants, marketing; publications/informational services.

Taylor-Stiles Division, J. H. Day Company ★
Affiliate of Littleford Group Inc.
4932 Beech Street,
Cincinnati, OH, 45212 U.S.A.;
PH: 513/841-3600; FAX: 513/841-9206;
TLX: 214392 (DAYMIXING NRWD).
OTHER OFFICES: Des Plaines, IL; Mahwah, NJ; Atlanta, GA; St. Catharines, Ontario, CANADA (Firing Industries); Chapultepec Morales, Mexico D.F., MEXICO (Littleford Group Inc.)
CONTACT: Jai K. L. Bajaj, Bus. Mgr.
Meal handling equipment, hammermills, mixing equipment (dry),pulverizing equipment; drying & aeration equipment.

Technomic Publishing Co., Inc. ★★
851 New Holland Ave., Box 3535,
Lancaster, PA, 17604 U.S.A.;
PH: 717/291-5609; FAX: 717/295-4538;
OTHER OFFICES: BASEL, SWITZERLAND
CONTACT: Joseph Eckenrode, VP & Edit. Dev.
Publications/informational services.

Texaco Chemical Company
A subsidiary of Texaco Inc.
3040 Post Oak Boulevard,
Houston, TX, 77227-7707 U.S.A.;
PH: 713/235-6326; FAX: 713/235-6438;
TLX: 227031 (TEX UR).
CONTACT: Donna M. Fuhrmann, Prod. Sup.
Solvents.

Thionville Laboratories, Inc.
5440 Pepsi Street,
New Orleans, LA, 70123 U.S.A.;
PH: 504/733-9603; FAX: 504/733-6457;
TLX: 460114 (THION UI).
CONTACT: Paul Thionville, Pres.
Inspection services; weighing services & surveys.

Tiger on Spreads ★
P.O. Box 1414, McLean, VA, 22101 U.S.A.;
PH: 202/463-8608 or 703/522-0154.
CONTACT: Phillip E. Tiger, Pres.
Publications/informational services.

Timmins Group, Inc. ★
112 School St , Suite 3,
Greenfield, MA, 01301-2410 U.S.A.;
PH: 413/772-0035; FAX: 413/774-3056.
CONTACT: Thomas Timmins, Pres.
Consultants, marketing.

Tramco, Inc. ★
1020 E. 19th Street,
Wichita, KS, 67214 U.S.A.;
PH: 316/264-4604; FAX: 316/264-7965.
CONTACT: Leroy Rutz, Sales, Mgr.
Conveyors (drag or en masse).

See Our Ad Inside Back Cover

Transac, Inc.
7592 N.E. Industrial Blvd.,
Macon, GA, 31206 U.S.A.;
PH: 912/784-9040; FAX: 912/788-3920.
CONTACT: William R. Hodgins, Sales Mgr.
Bags.

Tri-City Regional Port District
2801 Rock Road,
Granite City, IL, 62040 U.S.A.;
PH: 618/877-8444.
CONTACT: Robert Wydra, Gen. Mgr.
Warehousing: export/import, U.S. interior port.

Triple/S Dynamics, Inc.
1031 S. Haskell Avenue,
Dallas, TX, 75223 U.S.A.;
PH: 214/828-8600; FAX: 214/828-8688;
TLX: (WUI) 730023 (TRIPLE S DAL).
CONTACT: William C. Dreher, Adv. Mgr.
Air classifiers; aspirators; commercial grain cleaners; conveyors (drag or en masse) dehulling equipment; screeners/screening equipment; screeners/screening equipment.

U.S. Department of Agriculture
National Agricultural Library Building, Room 1505, 10301 Baltimore Blvd.,
Beltsville, MD, 20705 U.S.A.;
PH: 301/344-3755; FAX: 301/344-3675;
TLX/TWX: 710-828-0506.
OTHER OFFICES: Washington, DC (reference center)
CONTACT: Joseph Howard, Dir.
Publications/informational services.

U.S. Petrolon Industrial, Inc.
1932 Devoe Drive, Lincoln, NE, 68506 U.S.A.;
PH: 402/488-8444.
CONTACT: Rick Duvel, Pres.
Consultants, equipment; engineering services.

UDY Corporation
201 Rome Court,
Fort Collins, CO, 80524 U.S.A.;
PH: 303/482-2060; FAX: 303/482-2067.
CONTACT: Doyle C. Udy, Pres.
Instruments/instrument systems, grain analyzers, oil/protein/fiber analyzers.

Unichema North America
Affiliate of Unichema International
4650 S. Racine Avenue,
Chicago, IL, 60609 U.S.A.;
PH: 312/376-9000; FAX: 312/376-0095;
TLX: 800-853-2864.
OTHER OFFICES: Emmerich, FEDERAL REPUBLIC OF GERMANY (Unichema Chemie GmbH)
CONTACT: Greg Weranica, Mkting. Mgr.
Hydrogenation catalysts.

Union Pacific Railroad
1416 Dodge Street, Marketing Department, Room 520, Omaha, NE, 68179 U.S.A.;
PH: 402/271-4506; FAX: 402/271-3173.
CONTACT: T. M. Caron, Mgr., Food Grains Transportation, railroad company.

United Catalysts Inc. ★
Affiliate of Süd-Chemie AG,
FEDERAL REPUBLIC OF GERMANY
1227 S. 12th Street, P.O. Box 32370,
Louisville, KY, 40232 U.S.A.;
PH: 502/634-7236; FAX: 502/637-3732.
TLX: 204190 or 204239.
CONTACT: George Buehler, Vice Pres.
Bleaching clays/earths; hydrogenation catalysts.

United Clays Inc. ★★
Affiliate of Watts Blake Bearne (WBB) & Co.
P.O. Box 194, Huntington, IN, 47542 U.S.A.;
PH: 812/683-2193; FAX: 812/683-2195.
OTHER OFFICES: Gleason, TN; Sledge, MS
CONTACT: Jack Massari, Pres.
Anti-caking agents.

United Clays Inc. ★
P.O. Box 111, Gleason, TN, 38229 U.S.A.;
PH: 901/648-5596; FAX: 901/648-5990.
OTHER OFFICES: Huntingburg, IN; Sledge, MS
CONTACT: J. L. Kiney, Cust. Serv. Mgr.
Anti-caking agents.

UOP ★
A Joint Venture Co. of
Union Carbide & Allied-Signal
Food Antioxidants Dept., 25 E. Algonquin Road, Des Plaines, IL, 60017-5017 U.S.A.;
PH: 708/391-3300 or 800/348-0832;
FAX: 708/391-2758; TLX: 211442 (UOP).
OTHER OFFICES: McCook, IL (mfg.)
CONTACT: Bobbi Buford, Nat'l. Sales Mgr. or Amalia C. Calvo, Int'l. Sales Rep.
SUSTANE® BHA BHT, TBHQ, PG (and blends) food antioxidants; PRISTENE® natural antioxidants; PRISTENE® natural tocopherols; natural rosemary extract .

Urschel Laboratories, Inc. ★
2503 Calumet Avenue, P.O. Box 2200,
Valparaiso, IN, 46384-2200 U.S.A.;
PH: 219/464-4811; FAX: 219/462-3879;
TLX: 258-337.
CONTACT: Charles J. Scott, Mkting. Analyst
Meal handling equipment, pulverizing equipment; milling equipment supplies, spare parts & repair; emulsifiers.

V. R. B. Enterprises
U.S. representative for Desarrollos Agricolas S.A., Bolivia
1411 Tasso Street,
Palo Alto, CA, 94301 U.S.A.;
PH: 415/325-1997; FAX: 415/327-9927.
CONTACT: E. Bernasconi, Mgr., Engineering
Consultants, equipment, industrial processes; marketing, plant layout; engineering services; publications/informational services.

Van Sickle, Allen & Associates, Inc.
4969 Olson Memorial Highway,
Minneapolis, MN, 55422 U.S.A.;
PH: 612/541-9804; FAX: 612/542-1405.
CONTACT: Paul Harms, Principal
Loading & unloading equipment, barge, railroad, ship, truck; scales; soybean storage equipment & supplies, buildings (flat storage), elevator & silo storage; construction contractors, complete plants, protein plants; consultants, equipment, industrial processes, plant layout; engineering services.

VAREX Corporation
4000 Blackburn Lane,
Burtonsville, MD, 20866 U.S.A.;
PH: 301/421-1616; FAX: 301/421-1882.
CONTACT: Peter Bonnett, Pres.
Instruments/instrument systems, oil/protein/fiber analyzers; analytical laboratory equipment.

Vegetarian Times Magazine ★
1140 Lake Street, P.O. Box 570,
Oak Park, IL, 60303 U.S.A.;
PH: 708/848-8100. FAX: 708/848-8175.
CONTACT: Paul Obis, Pres.
Publications/informational services.

Votator, Cherry Burrell Process Eq. Div.
10300 Bunsen WaY, P. O. Box 35600,
Louisville, KY, 40232 U.S.A.;
PH: 502/491-4310; FAX: 502/499-3212;
TLX: 283620 (CBAV UR).
CONTACT: Ray Klusman, Mgr., Proc. Sales
Bleaching & filtering equipment; deodorization equipment; heat exchangers; hydrogenation equipment; margarine equipment; shortening equipment.

Walker Stainless Equipment Company, Inc. ★
625 State Street,
New Lisbon, WI, 53950-1015 U.S.A.;
PH: 608/562-3151; FAX: 608/562-3142.
CONTACT: Donn Boudreau, Marketing Rep.
Crude oil storage (tanks); heat exchangers.

Wasches Machine Shop, Inc. ★★
710 Pinewood land, P.O. Box 128,
Perham, MN, 56573 U.S.A.;
PH: 218/346-3118; FAX: 218/346-9379.
CONTACT: Mike Wasche, President
Cookers/extruders/roasters; milling equipment supplies, spare parts & repair; presses, continuous screw.

Waters Chromatography Division
Millipore Corporation, 34 Maple Street,
Milford, MA, 01757 U.S.A.;
PH: 508/478-2000; FAX: 508/872-1990;
TLX: (TRT) 174166.
CONTACT: William Shippey, Pres.
Instruments/instrument systems, automatic samplers, grain analyzers, oil/protein/fiber analyzers.

Weigh Right Automatic Scale Company
612A Mills Road, P.O. Box 896,
Joliet, IL, 60434 U.S.A.;
PH: 815/726-4626; FAX: 815/726-7638.
CONTACT: Steve N. Almberg, Gen. Mgr.
Bags, bagging equipment.

Weigh-Tronix, Inc. ★
1000 Armstrong Drive, P.O. Box 1000,
Fairmont, MN, 56031 U.S.A.;
PH: 507/238-4461; FAX: 507/238-4195;
TLX: 756594.
OTHER OFFICES: Santa Rosa, CA (sales & mfg.); Aurora, Ontario, CANADA (sales & mfg.)
CONTACT: Deb Laue, Inside Sales Coordinator
Scales; weighing services & surveys.

Wenger International Inc. ★★
2405 Grand Avenue, Suite 390,
Kansas City, MO, 64108 U.S.A.;
PH: 816/221-5084; FAX: 816/221-5086;
TLX: 6875028 WENGR UW.
OTHER OFFICES: Wenger Asia, Taichung, TAIWAN; Wenger Overseas, Antwerp, BELGIUM
CONTACT: Leroy Croyle, Mktg. Spec.
Cookers/extruders/roasters; drying & aeration equipment, conditioners & coolers, meal dryers, grain dryers; flaking & cracking equipment; construction contractors, complete plants, protein plants.

Wenger Manufacturing, Inc. ★
714 Main Street, P.O. Box 130,
Sabetha, KS, 66534-0130 U.S.A.;
PH: 913/284-2133; FAX: 913/284-3771.
OTHER OFFICES: Kansas City, MO (Wenger Int'l., Inc.); Antwerpen, BELGIUM (Wenger Europe); Taichung City, TAIWAN (Wenger Asia)
CONTACT: Don Wenger, Vice Pres.
Cookers/extruders/roasters; meal handling equipment, mixing equipment (dry).

West Weigh Scale Company ★
3990 Hicock Street,
San Diego, CA, 92110 U.S.A.;
PH: 619/291-8231; FAX: 619/291-0596.
CONTACT: Vincent Muccillo, Pres.
Scales. Weighing services & surveys.

Western-Commercial Transport, Inc. ★
2929 W. 5th Street, P.O. Box 270,
Fort Worth, TX, 76101 U.S.A.;
PH: 817/335-4821; FAX: 817/877-4117.
OTHER OFFICES: Jacksonville, IL; Wichita, KS; Memphis, TN
CONTACT: Dan Finholt, Vice Pres.
Transportation, trucking firm.

Westinghouse Electric Corporation
Westinghouse Bldg., Gateway Center, Room 1008, Pittsburgh, PA, 15222 U.S.A.;
PH: 412/642-2554.
CONTACT: Westinghouse Electric Corp. Product Info. Center
Instruments/instrument systems, control, flow measurement, material level, temperature monitors; soybean storage equipment & supplies, elevator & silo storage; computer process control, hardware, software, programming.

Wilbur-Ellis Company
1200 Westlake Avenue, No., Suite 1000,
Seattle, WA, 98109 U.S.A.;
PH: 206/284-1300; FAX: 206/281-8604;
TLX: 277175 (WECO UR).
OTHER OFFICES: Portland, OR
CONTACT: R. W. Shepherd, Mgr.
Warehousing: export/import, U. S. interior.

H. R. Williams Mill Supply Company ★

P.O. Box 414406,
Kansas City, MO, 64141-4406 U.S.A.;
PH: 816/471-1511; FAX: 816/471-1889.
CONTACT: John D. Holden, Vice Pres.
Dust control systems & supplies (dust filter bags); milling equipment supplies, spare parts & repair; screeners/screening equipment (sieve repair parts, rubber ball sieve cleaners, sifter socks, industrial screen fabrics, woven wire sifting screens, replacement nylon-poly screens).

See Our Advertisement P. 135

Witt Corrugating, Inc.

935 South West Street,
Wichita, KS, 67213 U.S.A.;
PH: 316/942-8456; FAX: 316/942-4745.
OTHER OFFICES: Kansas City, MO
CONTACT: Sid Sadowske, Pres.
Flaking & cracking equipment; meal handling equipment, pulverizing equipment; new cracking rolls & new flaking rolls.

D. W. Witter, Inc. ★

Rt. 88, P.O. Box 132,
Camp Grove, IL, 61624 U.S.A.;
PH: 309/493-5611.
CONTACT: Dennis Witter, Pres.
Soybean storage equipment & supplies, elevator & silo storage.

Joel Wollner & Associates ★

Affiliate of Broadway Organics
7A Woodridge Circle, P.O. Box 1343,
Clifton Park, NY, 12065 U.S.A.;
PH: 518/371-7014.
CONTACT: Joel Wollner, Pres.
Consultants, marketing, product development; contract research (pilot scale); inspection services.

Woodson-Tenent Laboratories, Inc. ★

1331 Union Avenue, Suite 1500,
Memphis, TN, 38104 U.S.A.;
PH: 901/272-7511; FAX: 901/272-2926.
OTHER OFFICES: No. Little Rock, AR; Gainesville, GA; Des Moines, IA; Goldston, NC; Dayton, OH; Memphis, TN
CONTACT: John Saatkamp, V.P., Sales & Mkting
Analytical laboratories.

See Our Advertisement P. 103

World Grain Magazine ★★

Affiliate of Sosland Publishing Co.
4800 Main St., , Suite 100,
Kansas City,, MO, 64112 U.S.A.;
PH: 816/756-1000 FAX: 816/756-0494
CONTACT: Karen Alexander, Editor
Publications/informational services.

Wurster & Sanger, Inc. ★

Division of Crown Iron Works Co.
P.O. Box 1364,
Minneapolis, MN, 55440-1364 U.S.A.;
PH: 612/639-8900; FAX: 612/639-1536;
TLX: 290204 (CROWN IRON MPS).
CONTACT: Barry V. Smith, Gen. Mgr.
Bleaching & filtering equipment; degumming equipment; deodorization equipment; fat splitters; fatty acid distillation equipment; hydrogenation equipment; refining/neutralization equipment, conventional caustic, physical; soapstock equipment; winterization equipment; margarine equipment; shortening equipment.

See Our Advertisment P. 2

Yancey Ag Networks

1004 N. Jackson Street, P.O. Box 2000,
Starkville, MS, 39759 U.S.A.;
PH: 601/324-0949.
CONTACT: Jim Yancey, Pres.
News wires, commodity.

Younglove - Planners, Engineers, Constructors ★

Affiliate of W. A. Klinger, Inc.
2015 E. Seventh Street, P.O. Box 8800,
Sioux City, IA, 51102 U.S.A.;
PH: 712/277-3906; FAX: 712/258-5528.
CONTACT: Michael A. Gunsch, P.E., Fxec. V.P.
Construction contractors, complete plants; consultants, plant layout; engineering services.

Zimmerman Equipment Company ★

A Division of FFI, Inc
5900 Elmwood Avenue,
Indianapolis, IN, 46203 U.S.A.;
PH: 317/787-6341; FAX: 317/787-6340.
CONTACT: Wes Peterson, Dir. of Comm. Grain Sales
Drying & aeration equipment, grain dryers.

See Our Advertisement P. 117

Zone Devices Inc. ★

21 H Pamaron Way, Novato, CA, 94949 U.S.A.;
PH: 415/883-5980; FAX: 415/883-3729.
CONTACT: Luann Aizinas, Mgr.
Liquid sampling equipment.

Soya Statistics

Tables and Graphs of:

- U.S. AND WORLD SOYBEAN PRODUCTION — PLANTING, HARVEST AND YIELD
- SOYBEAN AND SOYBEAN PRODUCT SUPPLY AND DISPOSITION
- U.S. SOYBEAN PRICES, CROP VALUE AND FARM MARKETING
- SOYBEAN PROCESSING AND PRODUCTS — PRODUCT VALUE, MEAL AND OIL
- EXPORTS AND IMPORTS

Table and Graph Index

STATISTICAL CONVERSIONS TABLE ...180

SOYBEAN PRODUCTION

AREA PLANTED/HARVESTED AND YIELD

U.S. Soybean Planting and Harvesting Dates (T) 181
U.S. Soybean Acreage, Yield and Production (T) 181
U.S. Soybean Planted Acreage by State (T) 182
U.S. Soybean Harvested Acreage by State (T) 182
U.S. Soybean Yield by State (T) 183
U.S. Soybean Production by State (T) 183
Argentine Soybean Area, Yield and Production by Province (T) 184
Brazilian Soybean Area, Yield and Production by State (T) 184
Canadian Soybean Production (T) 185
Canadian Soybean Production and Utilization (T) 185
World Soybean Production by Major Producing Countries and All Others (G) 186
Share of World Soybean Production by Major Countries and All Others (G) 186
Total World Soybean Production (G) 187
1990/91 World Soybean Production, Forecast of Market Share (G) 187
World Soybean Production (T) 188

SOYBEANS AND SOYBEAN PRODUCTS: SUPPLY AND DISPOSITION

U.S. Soybeans: Supply, Disposition, Acreage/Yield and Price (T) 189
U.S. Soybean Meal and Oil: Supply and Disposition (T) 189
Soybean Usage in the U.S. (G) 190
U.S. Soybean Exports As A Percent of Total Usage (G) 190
Argentine Soybeans & Products: Supply and Disposition (T) 191
Brazilian Soybeans & Products: Supply and Disposition (T) 191

U.S. SOYBEAN PRICES, CROP VALUE, FARM MARKETINGS

Prices of U.S. Soybeans: No. 1 Yellow (T) 192
Prices of U.S. Soybeans: Received by Farmers (T) 192
U.S. Soybean Price Support Operations (T) 193
U.S. Soybean Crop Value (T) 193
U.S. Farm Marketings of Soybeans (T) 194

SOYBEAN PROCESSING AND PRODUCTS

PRODUCT VALUE

Value of U.S. Soybean Products and Crush Margin (T) 194

MEAL AND OIL

U.S. Soybean Meal: Prices Paid by Farmers (T) 195
U.S. Soybean Meal: Average Wholesale Price (T) 195
U.S. Soybean Meal: Beginning Stocks, Production, Exports and Domestic Disappearance (T) 196
Prices of U.S. Soybean Oil (T) 196
U.S. Oilseed Cake and Meals: Supply, Disposition and Price (T) 197
World Major Protein Meals: Supply and Utilization (T) 198
World Major Oilseeds: Supply and Utilization (T) 198
World Major Vegetable and Marine Oils: Supply and Utilization (T) 199
U.S. Soybean Oil Utilization (T) 200
U.S. Soybean Oil: Supply, Disposition and Price (T) 200
U.S. Edible Fats and Oils: Supply and Disappearance (T) 201

EXPORTS AND IMPORTS

U.S. Soybean Exports by Month (T) 202
Brazilian Exports of Soybeans and Products to Major Countries (T) 202
U.S. Soybean Exports by Port and Country of Destination (T) 203
U.S. Exports: Soybeans by Country of Destination (T) 203
U.S. Exports: Soybean Oilseed Cake and Meal by Country of Destination (T) 204
U.S. Exports: Soybean Oil by Country of Destination (T) 204
U.S. Exports: Soybean Oil, P.L. 480, Title I and III by Country of Destination (T) 205
U.S. Exports: Soybean and Cottonseed Oils, U.S. Commercial and P.L. 480 (T) 205
U.S. Exports: Soybean, Cottonseed and Sunflowerseed Oils by Country of Destination (T) 206
Soybean and Product Exports by Major Countries (G) 207
Share of World Soybean and Product Exports (G) 207

(G) = Graph
(T) = Table

Statistical Conversions

SOYA CONVERSIONS

1 bushel of soybeans = 60 pounds
= 10.7 pounds of crude soy oil
= 47.5 pounds of soybean meal
= 39 pounds of soy flour
= 20 pounds of concentrate
= 11.8 pounds of isolated soy protein

1 metric ton of soybeans = 36.74 bushels
1 short ton of soybeans = 33.33 bushels
1 short ton of soybeans = .907 metric tons
1 long ton of soybeans = 37.33 bushels

1 metric ton of soybean meal = 46.39 bushels of soybeans
1 short ton of soybean meal = 42.08 bushels of soybeans
1 long ton of soybean meal = 47.13 bushels of soybeans

1 metric ton of soybean oil = 206 bushels of soybeans

79.2% of a bushel of soybeans is manufactured into soybean meal.
17.8% of a bushel of soybeans is manufactured into soybean oil.
3.0% of a bushel of soybeans is manufacturing loss.

METRIC CONVERSIONS

Area

1 acre = 0.405 hectares **hectare** = 2.27 acres

Mass & Weight

1 pound = 453.59 grams
1 pound = 0.454 kilogram
1 hundredweight, short (100 lbs.) = 45.359 kilograms
1 hundredweight, long (112 lbs.) = 50.802 kilograms
1 ton, short = 0.907 metric tons
1 ton, long = 1.016 metric tons
1 gram = 0.035 ounce
1 kilogram = 2.2 pounds
1 metric ton = 1,000 kilograms
1 metric ton = 2,205 pounds
1 metric ton = 1.1 short tons
1 short ton = 2,000 pounds
1 long ton = 2,240 pounds

Capacity

1 U.S. gallon = 3.785 liters
1 Imperial gallon = 4.545 liters
1 bushel = 35.24 liters
1 liter = 0.908 quarts, dry
1 liter = 1.057 quarts, liquid

TEMPERATURE CONVERSIONS

Celsius (Centigrade) = $\frac{°F - 32}{1.8}$ **Fahrenheit** = (1.8 X °C) + 32

U.S. SOYBEAN PLANTING AND HARVESTING DATES

State	Usual Planting Dates	Usual Harvesting Dates Begin	Usual Harvesting Dates Most Active	Usual Harvesting Dates End
Alabama	May 5-July 15	Oct. 1	Oct. 15-Nov. 15	Dec. 15
Arkansas	May 5-July 5	Oct. 1	Oct. 15-Nov. 20	Dec. 1
Delaware	May15-July 10	Oct. 5	Oct. 20-Nov.15	Dec. 1
Florida	May 1-July 15	Sept. 15	Oct. 1-Nov. 10	Dec. 15
Georgia	May 1-July 15	Oct. 10	Oct. 20-Dec. 1	Dec. 10
Illinois	May 5-June 20	Sept. 20	Sept. 25-Oct. 25	Nov. 5
Indiana	May 10-June 20	Sept. 30	Oct. 10-Oct. 30	Nov. 5
Iowa	May 10-June 25	Sept. 25	Oct. 1-Oct. 20	Nov. 5
Kansas	May 10-July 15	Sept. 20	Oct. 10-Nov. 5	Nov. 20
Kentucky	May 5-July 15	Sept. 20	Oct. 1-Nov. 15	Dec. 1
Louisiana	May 5-June 30	Sept. 20	Oct. 1-Nov. 15	Nov. 30
Maryland	May 10- July 5	Oct. 10	Oct. 20-Nov. 15	Dec. 1
Michigan	May 10-June 20	Oct. 5	Oct.15-Nov. 15	Nov. 20
Minnesota	May 5-June 10	Sept. 25	Oct. 1-Nov. 1	Nov. 10
Mississippi	May 5-July 5	Sept. 20	Oct. 15-Nov. 20	Dec. 15
Missouri	May 1-July 10	Sept. 15	Oct. 5-Nov. 5	Dec. 15
Nebraska	May 10-June 15	Sept. 25	Sept. 30-Oct. 20	Nov. 10
New Jersey	May 25-July 10	Oct. 1	Oct. 25-Nov. 1	Nov. 20
New York	May 25-June 25	Oct. 1	Oct. 10-Oct. 20	Oct. 30
North Carolina	May 5-July 5	Oct. 15	Nov. 1-Dec. 1	Jan. 1
North Dakota	May 10-June 10	Sept. 20	Sept. 30-Oct. 25	Nov. 5
Ohio	May 5-July 5	Sept. 20	Oct. 5-Nov. 1	Nov. 20
Oklahoma	May 10-July 10	Oct. 5	Oct. 25-Nov. 10	Dec. 1
Pennsylvania	May 5-July 10	Oct. 5	Oct. 15-Nov. 10	Nov. 30
South Carolina	May 1-July 10	Oct. 15	Oct. 25-Dec. 1	Dec. 15
South Dakota	May 10-June 15	Sept. 25	Oct. 1-Oct. 25	Nov. 5
Tennessee	May 5-July 10	Oct. 10	Oct. 15-Nov. 15	Dec. 10
Texas	May 10-July 15	Oct. 5	Oct. 30-Nov. 10	Dec. 10
Virginia	May 5-July 15	Oct. 5	Oct. 30-Nov. 25	Dec. 20
Wisconsin	May 15-June 20	Oct. 5	Oct. 20-Nov. 1	Nov. 20

Source: U.S. Department of Agriculture.

U.S. SOYBEAN ACREAGE, YIELD AND PRODUCTION

1925 - 1991

Year	Acres Planted (Thousand Acres)	Acres Harvested (Thousand Acres)	Average Yield Per Acre Harvested (Bushels)	Total Production (Th. Bu.)
1925	1,539	415	11.7	4,875
1930	3,072	1,074	13.0	13,929
1935	6,966	2,915	16.8	48,901
1940	10,487	4,807	16.2	78,045
1945	13,056	10,470	18.0	193,167
1950	15,048	13,807	21.7	299,249
1955	19,674	18,620	20.1	373,682
1960	24,440	23,655	23.5	555,085
1965	35,227	34,449	24.5	845,608
1970	43,082	42,249	26.7	1,127,100
1975	54,550	53,579	28.9	1,547,383
1980	69,930	67,813	26.5	1,797,543
1981	67,543	66,163	30.1	1,989,110
1982	70,884	69,442	31.5	2,190,297
1983	63,130	62,525	26.2	1,635,772
1984	67,735	66,093	28.2	1,860,783
1985	63,145	61,599	34.1	2,099,056
1986	60,405	58,312	33.3	1,942,558
1987	58,180	57,172	33.9	1,937,722
1988	58,840	57,373	27.0	1,548,841
1989	60,820	59,538	32.3	1,923,666
1990	57,795	56,512	34.1	1,925,947
1991	59,060	57,951	34.3	1,985,564

Source: ANNUAL CROP SUMMARY, USDA Agricultural Statistics Board, NASS.

U.S. SOYBEAN PLANTED ACREAGE BY STATE

Acres Planted (Thousand Acres)

	1970	1975	1980	1985	1986	1987	1988	1989	1990	1991
Alabama	642	1,300	2,200	1,080	650	500	590	600	470	360
Arkansas	4,393	4,750	4,800	3,750	3,400	3,300	3,250	3,300	3,400	3,250
Delaware	165	228	265	245	245	240	230	255	200	255
Florida	188	291	475	260	150	95	120	130	80	45
Georgia	550	1,190	2,200	1,800	1,220	830	930	1,150	900	600
Illinois	6,848	8,350	9,400	9,100	9,050	8,800	8,800	8,900	9,200	9,200
Indiana	3,300	3,650	4,400	4,500	4,300	4,400	4,300	4,600	4,200	4,450
Iowa	5,709	7,000	8,300	8,200	8,500	7,950	8,050	8,300	8,000	8,700
Kansas	1,074	1,100	1,550	1,500	1,850	2,150	2,050	1,900	2,000	2,000
Kentucky	582	1,150	1,650	1,260	1,150	990	980	1,200	1,250	1,150
Louisiana	1,730	2,000	3,450	2,250	1,880	1,700	1,900	1,950	1,800	1,030
Maryland	216	335	400	410	400	420	465	570	505	510
Michigan	539	615	980	1,100	970	1,100	1,250	1,100	1,150	1,400
Minnesota	3,140	3,700	4,800	5,100	4,750	4,700	4,900	5,050	4,700	5,500
Mississippi	2,358	3,230	4,000	2,700	2,600	2,550	2,400	2,200	2,050	1,900
Missouri	3,546	4,450	5,700	5,300	5,450	4,900	4,300	4,400	4,200	4,500
Nebraska	824	1,220	1,830	2,400	2,500	2,400	2,400	2,600	2,400	2,500
New Jersey	52	104	200	130	120	100	105	115	110	125
New York-not est. after 1980	6	11	20	—	—	—	—	—	—	—
North Carolina	981	1,500	2,030	1,800	1,640	1,400	1,470	1,600	1,400	1,350
North Dakota	184	180	210	500	475	520	750	640	500	635
Ohio	2,434	3,120	3,800	3,900	3,650	4,000	3,900	4,000	3,500	3,800
Oklahoma	200	245	350	210	255	240	300	300	250	260
Pennsylvania	30	54	135	175	160	170	230	310	280	310
South Carolina	1,550	1,420	1,600	1,290	1,020	750	800	980	800	650
South Dakota	253	345	780	1,280	1,350	1,400	1,760	1,900	1,950	2,200
Tennessee	1,280	1,950	2,450	1,500	1,470	1,300	1,400	1,300	1,300	1,100
Texas	170	395	560	320	240	170	240	500	220	180
Virginia	372	451	620	720	610	550	570	550	540	530
Wisconsin	155	216	335	350	330	330	430	420	440	570

Source: ANNUAL CROP SUMMARY, January '92, U.S. Department of Agriculture, Agricultural Statistics Board, NASS.

U.S. SOYBEAN HARVESTED ACREAGE BY STATE

Acres Harvested for Beans (Thousand Acres)

	1970	1975	1980	1985	1986	1987	1988	1989	1990	1991
Alabama	600	1,260	2,100	1,030	610	580	570	570	440	350
Arkansas	4,400	4,700	4,350	3,700	3,300	3,250	3,200	3,200	3,350	3,200
Delaware	156	225	260	240	240	235	225	250	199	250
Florida	184	281	460	230	140	93	115	120	75	43
Georgia	475	1,160	1,950	1,550	820	780	900	1,100	700	590
Illinois	6,800	8,320	9,350	9,000	9,000	8,700	8,700	8,850	9,100	9,100
Indiana	3,278	3,630	4,380	4,460	4,250	4,350	4,200	4,550	4,180	4,430
Iowa	5,680	6,970	8,270	8,150	8,450	7,900	8,100	8,280	7,900	8,650
Kansas	930	1,080	1,450	1,410	1,740	2,110	2,000	1,850	1,950	1,900
Kentucky	530	1,100	1,600	1,230	1,120	1,030	910	1,170	1,220	1,130
Louisiana	1,668	1,920	3,350	2,100	1,750	1,650	1,850	1,750	1,750	950
Maryland	213	330	390	400	390	410	455	550	495	500
Michigan	500	610	970	1,080	930	1,090	1,210	1,080	1,140	1,390
Minnesota	3,030	3,650	4,760	5,000	4,650	4,650	4,800	5,000	4,600	5,350
Mississippi	2,580	3,120	3,850	2,620	2,450	2,450	2,250	2,000	1,900	1,800
Missouri	3,465	4,370	5,530	5,230	5,250	4,830	4,230	4,350	4,150	4,430
Nebraska	812	1,200	1,770	2,360	2,450	2,350	2,360	2,560	2,360	2,460
New Jersey	54	102	194	129	117	104	103	113	108	123
New York-not est. after 1980	6	11	19	—	—	—	—	—	—	—
North Carolina	867	1,420	1,930	1,700	1,530	1,340	1,310	1,550	1,350	1,310
North Dakota	181	149	200	490	470	515	690	630	495	630
Ohio	2,500	3,100	3,760	3,870	3,620	3,900	3,700	3,980	3,480	3,770
Oklahoma	185	237	300	190	200	240	270	285	210	235
Pennsylvania	28	52	103	185	175	185	245	305	275	300
South Carolina	1,010	1,380	1,600	1,230	830	730	790	960	750	630
South Dakota	247	342	770	1,270	1,330	1,390	1,730	1,880	1,920	2,160
Tennessee	1,150	1,850	2,550	1,460	1,420	1,250	1,230	1,240	1,250	1,050
Texas	158	370	630	290	190	150	225	415	200	170
Virginia	339	433	610	695	570	490	515	540	525	500
Wisconsin	153	207	330	300	320	320	390	410	430	550

Source: ANNUAL CROP SUMMARY, January '92, U.S. Department of Agriculture, Agricultural Statistics Board, NASS.

U.S. SOYBEAN YIELD BY STATE
Average Yield per Acre Harvested for Beans (Bushels)

	1970	1975	1980	1985	1986	1987	1988	1989	1990	1991
Alabama	23.0	24.5	15.0	27.0	23.0	18.0	25.0	21.0	17.0	23.0
Arkansas	22.5	25.0	15.0	26.5	20.0	23.0	26.0	23.5	27.0	28.0
Delaware	21.0	25.0	20.0	30.0	24.0	18.0	27.0	29.0	34.0	35.0
Florida	28.0	24.0	22.0	26.0	23.0	25.0	29.0	22.0	19.0	27.0
Georgia	23.0	25.5	12.0	24.0	17.0	20.0	25.0	26.0	14.0	27.0
Illinois	31.0	36.0	33.5	42.5	40.0	38.0	27.0	40.0	39.0	37.5
Indiana	31.0	33.5	36.0	41.5	37.0	40.0	27.5	36.5	41.0	39.0
Iowa	32.5	34.0	38.5	38.0	41.5	43.5	31.0	39.0	41.0	40.5
Kansas	15.0	21.0	16.5	31.0	33.5	32.0	23.0	27.0	24.0	23.0
Kentucky	27.0	27.0	22.5	34.0	32.0	26.5	26.5	31.5	32.0	32.5
Louisiana	24.0	25.0	20.0	21.0	20.0	25.0	29.0	22.0	24.0	29.0
Maryland	24.0	28.0	24.0	32.0	27.0	22.5	31.0	30.0	36.0	34.0
Michigan	26.5	26.0	33.0	32.0	31.0	36.0	29.0	36.0	38.0	38.0
Minnesota	26.0	27.0	31.5	32.0	35.0	39.0	26.0	37.0	39.0	36.5
Mississippi	22.5	22.5	16.0	27.0	17.0	19.5	22.0	20.0	21.0	26.0
Missouri	25.5	26.0	24.5	34.5	32.5	32.0	26.0	28.0	30.0	30.5
Nebraska	22.0	27.0	30.0	36.0	38.0	35.5	30.0	32.0	34.5	33.5
New Jersey	25.0	26.0	18.0	34.0	29.0	31.0	27.0	32.0	37.0	36.0
New York-not est. after 1980	20.0	27.0	24.0	—	—	—	—	—	—	—
North Carolina	24.0	23.5	18.0	23.0	24.0	24.5	27.0	27.0	24.0	29.5
North Dakota	15.0	19.5	17.5	26.0	35.0	32.5	18.0	22.0	26.0	30.5
Ohio	28.5	33.0	36.0	41.5	40.5	37.0	27.0	31.5	39.0	36.0
Oklahoma	18.0	22.0	10.0	23.0	24.0	25.0	18.0	24.0	21.0	25.0
Pennsylvania	32.0	28.0	24.5	35.0	35.0	34.0	32.0	34.0	41.0	33.0
South Carolina	20.0	22.0	13.0	20.0	16.5	22.0	23.1	21.0	18.5	22.0
South Dakota	17.5	25.0	26.0	32.0	30.5	32.5	24.0	26.0	28.0	27.0
Tennessee	23.0	25.0	18.0	31.0	25.0	23.0	26.0	24.0	27.0	30.0
Texas	28.0	25.0	22.0	25.0	23.0	28.0	28.0	30.0	25.0	31.0
Virginia	20.0	25.0	15.0	25.0	24.0	22.0	28.0	32.0	32.0	29.0
Wisconsin	24.0	25.5	33.0	32.0	36.0	38.0	23.0	37.0	41.0	42.0

Source: ANNUAL CROP SUMMARY, January '92, U.S. Department of Agriculture, Agricultural Statistics Board, NASS.

U.S. SOYBEAN PRODUCTION BY STATE
Total Production of Beans (Thousand Bushels)

	1970	1975	1980	1985	1986	1987	1988	1989	1990	1991
Alabama	13,800	30,870	31,500	27,810	14,030	10,440	14,250	11,970	7,480	8,050
Arkansas	99,000	117,500	65,250	98,050	66,000	74,750	83,200	75,200	90,450	69,600
Delaware	3,276	5,625	5,200	7,200	5,760	4,230	6,075	7,250	6,766	8,750
Florida	5,152	6,744	10,120	5,980	3,220	2,325	3,335	2,640	1,425	1,161
Georgia	10,925	29,580	23,400	37,200	15,580	16,380	22,500	26,600	9,800	15,930
Illinois	210,800	299,520	313,225	382,500	360,000	330,600	234,900	354,000	354,900	341,250
Indiana	101,618	121,605	157,680	185,090	157,250	174,000	115,500	166,075	171,380	172,770
Iowa	184,800	236,980	318,395	309,700	350,675	343,650	251,100	322,920	323,900	350,325
Kansas	13,950	22,680	23,925	43,710	58,290	67,520	46,000	49,950	46,800	43,700
Kentucky	14,310	29,700	36,000	41,820	35,840	27,295	24,115	36,855	39,040	36,725
Louisiana	40,512	48,000	67,000	44,100	35,000	41,250	56,550	38,500	42,000	27,550
Maryland	5,112	9,240	9,360	12,800	10,530	9,225	14,105	16,500	17,820	17,000
Michigan	13,250	15,860	32,010	34,560	28,830	39,240	35,090	38,880	43,320	52,820
Minnesota	78,780	98,550	149,940	160,000	162,750	181,350	124,800	185,000	179,400	195,275
Mississippi	58,050	70,200	61,600	70,740	41,650	47,775	49,500	40,000	39,900	46,800
Missouri	88,356	113,620	135,485	180,435	170,625	157,760	112,095	121,800	124,500	135,115
Nebraska	17,864	32,400	53,100	84,960	93,100	83,425	70,800	81,920	81,420	82,410
New Jersey	1,350	2,652	3,492	4,386	3,393	3,224	2,781	3,616	3,996	4,428
New York-not est. after 1980	120	297	456	—	—	—	—	—	—	—
North Carolina	20,808	33,370	34,740	39,100	36,720	32,830	35,370	41,850	32,400	38,645
North Dakota	2,715	2,906	3,500	12,740	16,450	16,738	12,420	13,860	12,870	19,215
Ohio	72,675	102,300	135,360	160,605	146,610	144,300	99,900	125,370	135,720	135,720
Oklahoma	3,330	5,214	3,000	4,370	4,800	6,000	4,860	6,840	4,410	5,875
Pennsylvania	896	1,456	3,185	6,475	6,125	6,290	7,840	10,370	11,275	9,900
South Carolina	20,200	30,360	20,800	24,600	13,695	16,060	18,565	20,160	13,875	13,860
South Dakota	4,323	8,550	20,020	40,640	40,565	45,175	41,520	48,880	53,760	58,320
Tennessee	26,450	46,250	45,900	45,260	35,500	26,750	31,980	29,760	33,750	31,500
Texas	4,424	9,250	13,860	7,250	4,370	4,200	6,300	12,450	5,000	5,270
Virginia	6,780	10,825	9,150	17,375	13,680	10,780	14,420	17,280	16,800	14,500
Wisconsin	3,672	5,279	10,890	9,600	11,520	12,160	8,970	15,170	17,630	23,100

Source: ANNUAL CROP SUMMARY, January '92, U.S. Department of Agriculture, Agricultural Statistics Board, NASS.

ARGENTINE SOYBEAN AREA, YIELD AND PRODUCTION BY PROVINCE

1974/75 - 1991/92*

	1974/75	1979/80	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91	1991/92◊
Area Harvested for Beans (Thousand Hectares)										
Santa Fe	208	967	1,245	1,293	1,380	1,692	1,391	1,900	1,524	1,861
Buenos Aires	29	454	825	849	835	984	1,080	1,285	582	1,081
Cordoba	46	332	990	948	1,061	1,296	1,156	1,400	885	1,034
Tucuman/Corrientes/Other	40	128	210	225	234	288	373	365	169	182
Total	323	1,881	3,270	3,315	3,510	4,260	4,000	4,950	3,160	4,158
Average Yield per Hectare for Beans (Metric Tons)										
Santa Fe	1.373	1.788	2.118	2.320	1.961	2.364	1.603	2.237	2.400	2.550
Buenos Aires	1.254	1.978	2.031	2.341	2.133	2.185	1.940	2.304	2.210	2.190
Cordoba	1.339	1.520	2.158	2.052	1.944	2.276	1.400	2.040	2.230	2.280
Tucuman/Corrientes/Other	2.750	3.289	1.430	1.617	1.919	2.085	1.492	1.875	1.920	2.100
Total Average	1.362	1.781	2.064	2.202	1.994	2.277	1.625	2.172	2.291	2.368
Total Production of Beans (Thousand Metric Tons)										
Santa Fe	285	1,769	2,637	3,001	2,706	3,999	2,230	4,250	3,658	4,736
Buenos Aires	37	908	1,676	1,988	1,781	2,150	2,095	2,961	1,285	2,368
Cordoba	64	463	2,136	1,946	2,063	2,951	1,618	2,856	1,974	2,359
Tucuman/Corrientes/Other	54	211	300	364	449	600	557	684	324	382
Total	440	3,351	6,749	7,299	6,999	9,700	6,500	10,751	7,241	9,845

*Local crop year. ◊Forecast. Source: Attache in Argentina. Not official USDA or PECAD data.

BRAZILIAN SOYBEAN AREA, YIELD AND PRODUCTION BY STATE

1974/75 - 1991/92†

	1974/75	1979/80	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91	1991/92*
Area Harvested for Beans (Thousand Hectares)										
Rio Grande/Sul	3,113	3,988	3,637	3,261	3,160	3,436	3,669	3,550	3,130	2,875
Parana	1,632	2,411	2,196	1,932	1,776	2,123	2,402	2,275	1,970	1,730
Mato Grosso/Sul 1/	194	807	1,308	1,234	1,215	1,171	1,298	1,200	1,000	1,250
Sao Paulo	391	561	499	476	462	513	593	580	545	545
Santa Catarina	361	520	420	406	370	387	436	375	310	275
Goias	56	246	734	622	548	774	950	980	760	900
Minas Gerais	76	162	447	439	415	484	591	545	460	490
Mato Grosso		70	795	913	-1,100	1,319	1,704	1,500	1,180	1,350
Other 2/		9	117	167	224	317	527	395	295	385
Total	5,823	8,774	10,153	9,450	9,270	10,524	12,170	11,400	9,650	9,800
Average Yield per Hectare for Beans (Metric Tons)										
Rio Grande/Sul	1.510	1.439	1.570	1.063	1.600	1.057	1.676	1.800	0.939	1.687
Parana	2.220	2.240	2.010	1.630	2.170	2.247	2.019	2.004	1.827	1.850
Mato Grosso/Sul 1/	1.410	1.638	1.956	1.592	1.992	2.119	2.003	1.600	2.150	1.960
Sao Paulo	1.730	1.959	1.924	1.929	2.117	1.953	2.003	1.664	2.110	1.835
Santa Catarina	1.290	1.383	1.343	1.251	1.265	1.344	1.445	1.627	1.290	1.418
Goias	1.300	1.854	1.847	1.822	1.943	1.924	1.958	1.429	2.171	2.000
Minas Gerais	1.140	1.790	1.975	1.815	1.976	1.924	1.998	1.596	1.902	1.837
Mato Grosso		1.671	2.083	2.104	2.170	2.043	2.171	1.933	2.119	2.111
Other 2/		1.778	1.504	1.455	1.125	1.552	1.596	0.886	1.644	1.455
Average Total	1.699	1.727	1.800	1.492	1.866	1.712	1.890	1.754	1.632	1.837
Total Production of Beans (Thousand Metric Tons)										
Rio Grande/Sul	4,688	5,737	5,711	3,465	5,056	3,631	6,150	6,425	2,940	4,850
Parana	3,625	5,400	4,413	3,150	3,854	4,771	4,850	4,560	3,600	3,200
Mato Grosso/Sul /1	273	1,322	2,559	1,965	2,420	2,481	2,600	1,920	2,150	2,450
Sao Paulo	676	1,099	960	918	978	1,002	1,188	965	1,150	1,000
Santa Catarina	467	719	564	508	468	520	630	610	400	390
Goias	73	456	1,356	1,133	1,065	1,489	1,860	980	1,650	1,800
Minas Gerais	87	290	883	797	820	931	1,181	870	875	900
Mato Grosso		117	1,656	1,921	2,387	2,695	3,700	2,900	2,500	2,850
Other 2/		16	176	243	252	492	841	770	485	560
Total	9,891	15,156	18,278	14,100	17,300	18,012	23,000	20,000	15,750	18,000

†Local crop year (Feb.-Jan.). *Forecast. 1/Before 1979, Mato Grosso and Mato Grosso/Sul were one state. 2/Other (includes beans shipped through Paraguay in some years, yield figures may not be accurate). Source: Ag. Attache estimates as of March '92. Not official USDA data.

CANADIAN SOYBEAN PRODUCTION

Acreage, Yield, Production, Farm Price and Value (Canadian Dollars)

1950 - 1992

Crop Yr. Beg. Aug. 1	Harvested Acreage (Th. Acres)	Avg. Yield per Harvested Acre (Bu./Acre)	Production (Th. Bu.)	Avg. Farm Price (C$/Bu.)	Total Farm Value (Th. C$)
1950-51	142	23.4	3,323	2.55	8,474
1955-56	214	26.4	5,650	2.09	11,808
1960-61	227	22.0	4,997	2.03	11,521
1965-66	264	30.5	8,047	2.70	21,681
1970-71	336	31.0	10,398	2.78	28,906
1975-76	390	34.6	13,485	4.92	54,051
1976-77	378	24.3	9,186	7.13	65,496
1977-78	551	38.7	21,311	6.18	131,702
1978-79	704	26.9	18,960	7.81	148,078
1979-80	689	35.0	24,140	6.98	168,014
1980-81	684	37.1	25,353	8.33	211,182
1981-82	689	32.4	22,303	7.16	159,689
1982-83	899	34.6	31,158	6.68	208,135
1983-84	899	30.0	27,007	9.42	254,406
1984-85	1,001	33.7	33,691	7.40	249,313
1985-86	1,001	37.1	37,181	6.59	245,023
1986-87	950	37.1	35,267	6.27	221,124
1987-88	1,140	40.9	46,654	7.08	330,310
1988-89	1,317	32.2	42,351	8.53	361,254
1989-90	1,333	33.6	44,780	6.61	295,996
1990-91	1,215	39.1	47,474	6.30	299,086
1991-92	1,423	36.3	51,662		

Source: Statistics Canada, Agriculture Division. Average farm price calculated from Aug.-July of each crop year.

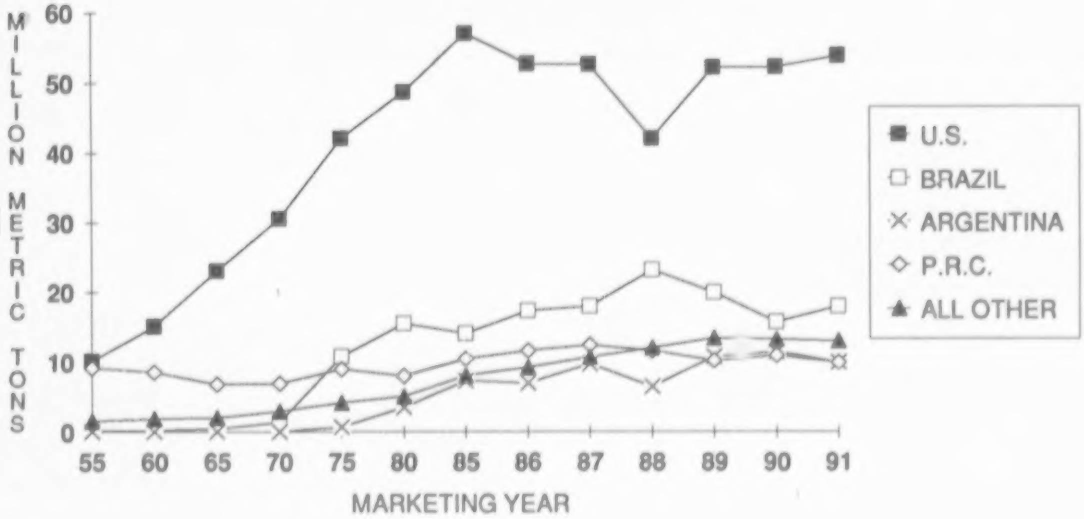
CANADIAN SOYBEAN PRODUCTION AND UTILIZATION

1950 - 1992

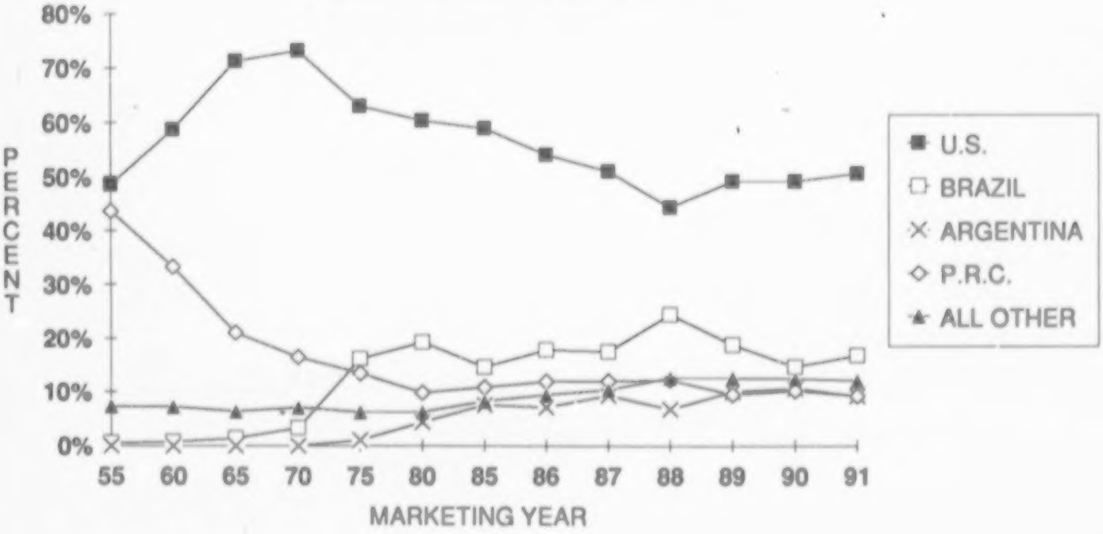
Year Beg. Aug. 1	Production (Th. Bu.)	Imports† (Th. Bu.)	Supplies◊ (Th. Bu.)	Exports† of Beans (Th. Bu.)	Processed for Oil and Meal (Th. Bu.)	Soy Oil Produced (Th. Lb.)	Soybean Oilcake Produced (Short Tons)
1950-51	3,323	4,723	8,046	—	7,393	72,676	176,343
1955-56	5,650	8,309	13,959	1,492	11,799	124,171	279,095
1960-61	4,997	12,345	17,346	1,381	16,279	173,837	380,558
1965-66	8,047	17,049	25,096	2,168	20,650	205,026	491,631
1970-71	10,398	15,726	26,124	809	23,580	240,300	553,360
1975-76	13,485	13,595	27,080	808	25,721	262,346	606,271
1976-77	9,186	14,404	23,590	2,919	22,303	227,072	528,007
1977-78	21,311	9,664	30,975	2,352	26,749	273,368	625,010
1978-79	18,960	12,860	31,820	3,344	27,301	284,392	636,033
1979-80	24,140	15,506	39,646	1,984	34,466	346,120	813,506
1980-81	25,353	14,734	40,087	5,218	34,172	350,595	806,612
1981-82	22,303	15,579	37,882	3,050	35,347	361,820	835,262
1982-83	31,158	15,396	46,554	4,299	38,324	394,627	918,225
1983-84	27,007	10,288	37,295	2,241	34,429	363,763	809,096
1984-85	33,691	8,377	46,770	4,519	34,095	374,782	795,869
1985-86	37,181	6,430	51,583	6,356	32,846	343,918	767,208
1986-87*	35,270	7,973	47,578	5,404	34,998	347,969	806,852
1987-88*	46,652	5,540	56,396	6,841	35,190	367,864	812,282
1988-89*	42,714	5,845	53,302	10,798	31,405	329,518	594,450
1989-90*	44,786	10,552	61,620	7,076	40,489	439,405	939,379
1990-91*	47,468	6,097	60,492	6,907	34,369	361,636	793,338
1991-92**	51,656	1,212	60,415	4,335	15,202	163,932	350,540

*Revised. **Preliminary (Aug.1-Dec. 31). †Grain Exports & Imports include seed. ◊ Beginning yr. 84/85 figures include total stocks. Source: Statistics Canada, Agriculture Div.

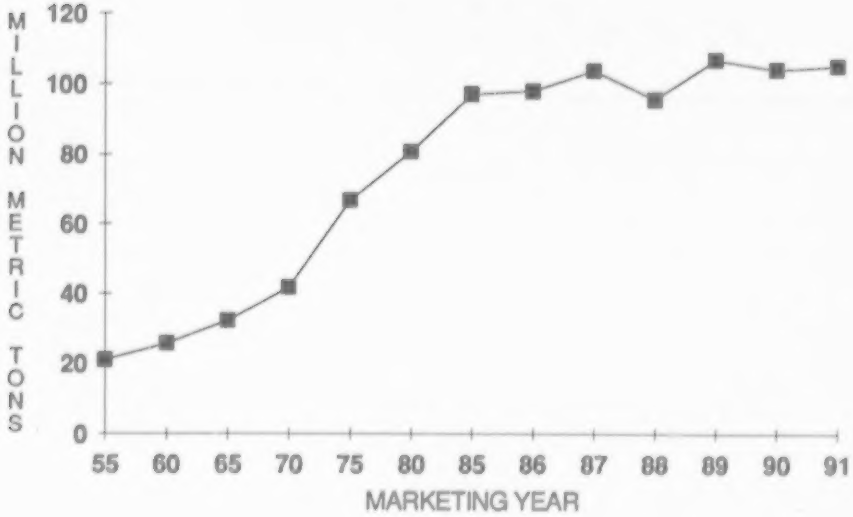
WORLD SOYBEAN PRODUCTION BY MAJOR PRODUCING COUNTRIES AND ALL OTHERS



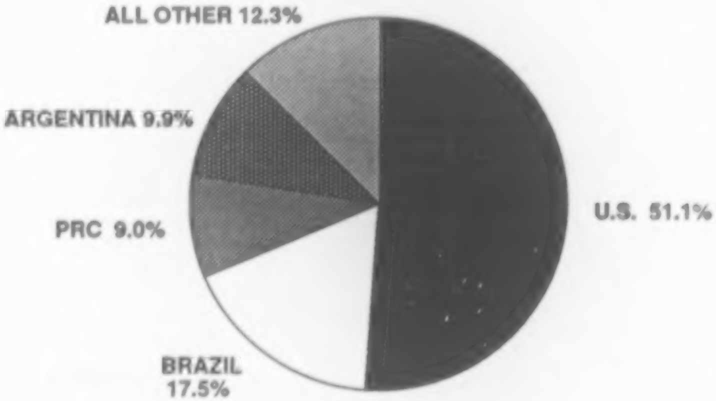
SHARE OF WORLD SOYBEAN PRODUCTION BY MAJOR COUNTRIES AND ALL OTHERS



TOTAL WORLD SOYBEAN PRODUCTION



1991/92 WORLD SOYBEAN PRODUCTION FORECAST OF MARKET SHARE



WORLD SOYBEAN PRODUCTION
Area and Production in Specified Countries and the World Total
1986/87 - 1991/92*

Country/Region	Area† 1986/87	1987/88	1988/89	1989/90	1990/91	1991/92◊	Production 1986/87	1987/88	1988/89	1989/90	1990/91	1991/92◊
	(Thousand Hectares)						(Thousand Metric Tons)					
North America:												
Canada	384	461	503	540	491	578	960	1,270	1,183	1,219	1,292	1,406
Mexico	340	390	139	458	278	339	660	750	300	984	567	637
United States 1/	23,596	23,137	23,218	24,094	22,870	23,452	52,868	52,746	42,169	52,354	52,416	54,038
Central & South America:												
Argentina	3,510	4,260	4,000	4,950	4,800	4,800	7,000	9,700	6,500	10,750	11,500	10,500
Bolivia	69	63	144	173	186	200	110	141	294	230	352	380
Brazil	9,270	10,524	12,170	11,400	9,650	10,000	17,300	18,021	23,200	20,340	15,750	18,500
Columbia	65	61	90	112	102	90	128	116	177	212	186	186
Ecuador	47	55	62	60	58	62	88	92	102	100	90	105
Guatemala	14	12	13	13	16	16	29	26	28	32	37	37
Jamaica	0	0	0	0	0	0	0	0	0	0	0	0
Paraguay	530	615	850	980	890	900	950	1,100	1,615	1,575	1,300	1,600
Peru	3	3	3	1	1	1	6	5	5	2	2	3
Uruguay	43	43	50	44	34	13	80	70	55	52	40	20
Venezuela	2	2	4	5	5	5	2	2	6	9	9	9
Africa:												
Egypt	50	50	50	39	41	45	140	140	130	91	106	120
Morocco	2	4	2	0	5	11	2	4	2	0	8	13
Nigeria	100	44	55	68	75	83	70	40	55	60	65	78
Zambia	21	26	32	38	39	42	22	32	34	36	45	50
South Africa	40	44	44	61	87	95	63	84	70	108	94	125
Zimbabwe	59	65	71	68	51	55	108	119	121	105	90	110
Europe:												
Austria	0	0	6	9	9	15	0	0	12	10	10	24
Bulgaria	51	36	40	40	17	11	54	34	40	40	15	15
Czechoslovakia	2	2	2	2	7	5	3	5	5	6	8	11
France	48	79	92	135	116	85	85	186	228	300	245	187
Greece	1	2	3	8	7	6	3	4	6	26	22	25
Hungary	23	36	66	54	33	22	51	65	104	116	44	48
Italy	232	481	432	477	547	440	806	1,589	1,408	1,624	1,820	1,450
Portugal	0	0	0	0	1	1	0	0	0	0	1	1
Romania	312	350	340	512	190	130	472	350	340	304	141	100
Spain	1	2	7	11	17	5	2	4	13	27	42	6
Switzerland	0	0	1	1	1	1	0	0	2	2	3	3
Yugoslavia	96	105	110	88	91	80	225	237	180	209	152	160
Former U.S.S.R.:	745	783	760	830	827	808	703	712	880	956	880	920
Asia:												
Burma	32	34	36	38	38	38	27	27	29	38	27	27
China: Mainland	8,295	8,411	8,120	8,057	7,560	7,060	11,614	12,468	11,645	10,227	11,000	9,600
Taiwan	9	8	6	4	4	4	18	15	11	8	8	8
India	1,527	1,543	1,734	2,253	2,365	2,600	891	898	1,547	1,806	2,419	2,200
Indonesia	920	1,100	1,177	1,205	1,215	1,240	900	1,100	1,285	1,315	1,315	1,290
Iran	50	50	50	50	50	50	90	90	90	90	90	90
Japan	138	163	162	152	146	141	245	287	277	272	220	197
Korea, North	335	340	340	340	340	340	435	440	440	440	440	440
Korea, South	133	154	145	157	152	119	199	203	239	252	233	183
Pakistan	5	2	2	1	2	3	5	1	1	1	1	3
Philippines	8	9	10	12	15	16	7	7	8	10	12	13
Sri Lanka	0	3	8	6	6	6	0	2	10	8	9	8
Syria	0	0	10	10	10	10	0	0	18	20	15	15
Thailand	282	303	392	502	375	390	356	338	517	672	530	460
Turkey	60	112	60	100	65	50	120	120	79	120	110	90
Vietnam	135	135	150	150	140	140	95	96	126	120	105	105
Oceania:												
Australia	66	46	71	49	36	42	116	75	113	77	70	71
WORLD TOTAL	51,693	54,166	55,866	56,367	54,056	54,830	98,104	103,806	95,636	107,362	103,936	105,667

*Split years shown refer to years of harvest, Northern Hemisphere crops which are harvested in the first part of the split year (for example September-October 1986) and Southern Hemisphere crops which are harvested in the first part of the following year (for example March-April 1987). In this example, the split year designation would be 1986/87. †Figures refer to harvested areas. ◊Prelim. 1/Hectares harvested for soybeans. Source: Counselor and Attache Reports, Official Statistics, USDA Estimates; USDA, FAS, Production Estimates & Crop Assessment Division.

U.S. SOYBEANS: SUPPLY, DISPOSITION, ACREAGE/YIELD AND PRICE

1970 - 1991

Year Beginning September

	1970	1975	1980	1985	1986	1987	1988	1989	1990	1991*
SUPPLY (MIL. BUSHELS)										
Beginning stocks, Sept. 1,	230.0	188.2	358.0	316.0	536.0	436.0	302.0	182.0	239.0	329.0
Production	1,127.0	1,547.4	1,798.0	2,099.0	1,943.0	1,938.0	1,549.0	1,924.0	1,926.0	1,986.0
Total supply†	1,357.0	1,735.6	2,156.0	2,415.0	2,479.0	2,375.0	1,855.0	2,109.0	2,167.0	2,320.0
DISPOSITION (MIL. BUSHELS)										
Crushings	760.0	865.1	1,020.0	1,053.0	1,179.0	1,174.0	1,058.0	1,146.0	1,187.0	1,240.0
Exports	434.0	555.1	724.0	740.0	757.0	802.0	527.0	623.0	557.0	640.0
Seed/feed and residual	64.0	70.5	99.0	86.0	106.0	97.0	88.0	101.0	94.0	95.0
Total disposition	1,258.0	1,490.7	1,843.0	1,879.0	2,042.0	2,073.0	1,673.0	1,870.0	1,838.0	2,015.0
Ending stocks, Aug. 31	99.0	244.9	313.0	536.0	436.0	302.0	182.0	239.0	329.0	305.0
Stocks as % of usage	7.9	16.4	17.0	28.5	21.4	14.6	11.0	12.8	18.0	15.1
ACREAGE AND YIELD (MIL. ACRES)										
Acreage planted	43.1	54.6	70.0	63.1	60.4	58.0	59.0	61.0	58.0	59.0
Acreage harvested for beans	42.2	53.6	67.8	61.6	59.4	57.0	57.4	59.4	56.5	58.0
Percent harvested (%)	97.9	98.3	96.9	97.6	96.7	98.3	97.3	97.4	97.4	98.3
Yield (Bu./Acre)	26.7	28.9	26.5	34.1	33.3	33.7	27.0	32.4	34.0	34.0
PRICE PER BUSHEL (DOLLARS)										
Loan Rate	2.25	—	5.02	5.02	4.77	4.77	4.77	4.53	4.50	4.92
Farm price	2.85	4.92	7.57	5.05	4.78	5.88	7.42	5.69	5.75	5.25-5.75
No. 1 Yellow, IL pts.	3.00	5.26	7.68	5.30	5.14	6.76	7.53	5.96	5.90	5.80

*Forecast. †Total supply includes imports. Source: Official Statistics; OIL CROPS SITUATION AND OUTLOOK REPORT (APR. 92), USDA, Economic Research Service.

U.S. SOYBEAN MEAL AND OIL: SUPPLY AND DISPOSITION

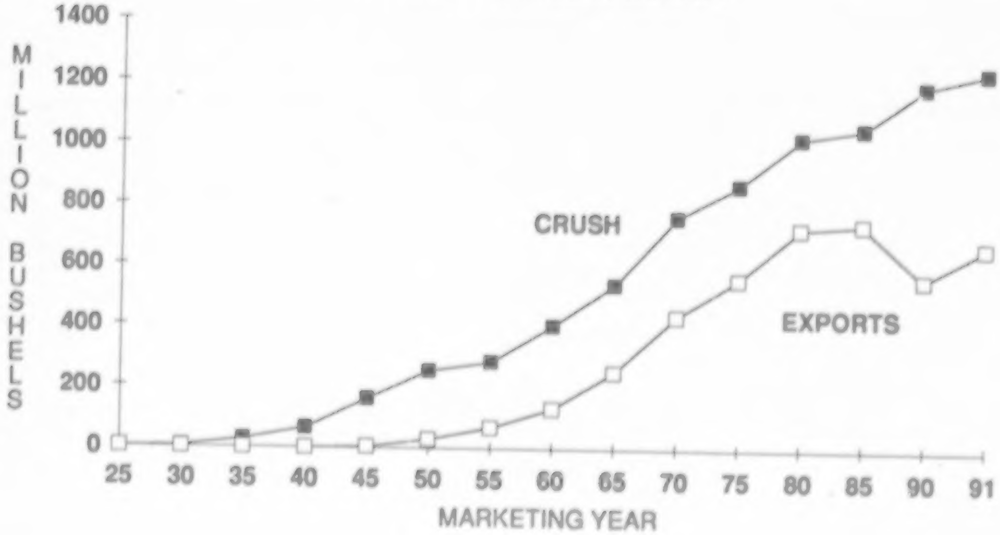
1970 - 1991

Year Beginning October

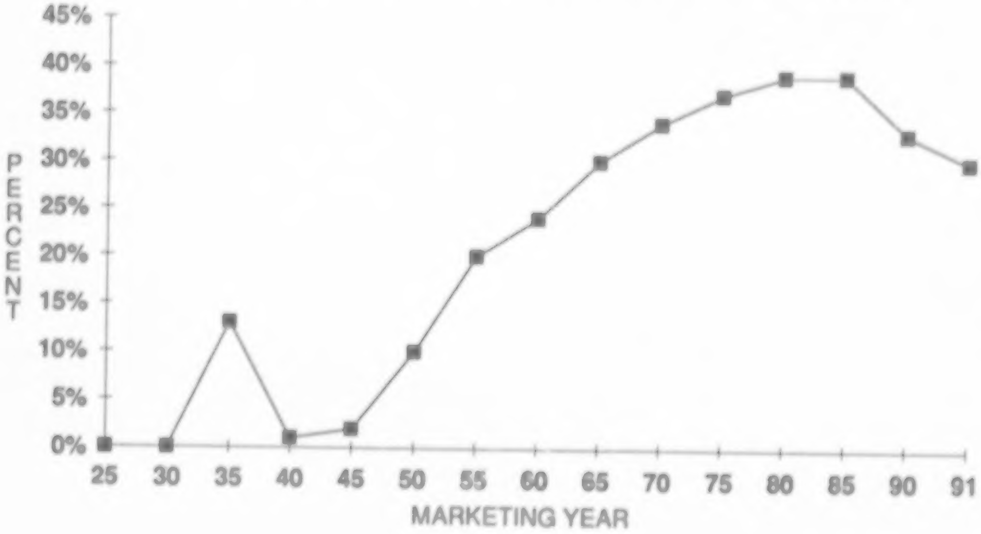
	1970	1975	1980	1985	1986	1987	1988	1989	1990	1991*
SOYBEAN MEAL (THOUSAND SHORT TONS)										
Beginning stocks, Oct. 1	137	358	226	387	212	240	153	173	318	285
Production	18,035	20,754	24,312	24,951	27,758	28,060	24,943	27,719	28,325	29,360
Total supply†	18,172	21,112	24,538	25,338	27,970	28,300	25,100	27,900	28,666	29,650
Domestic usage	13,467	15,612	17,591	19,090	20,387	21,293	19,657	22,558	23,257	23,000
Exports	4,559	5,145	6,784	6,036	7,343	6,854	5,270	5,024	5,124	6,350
Total usage	18,026	20,757	24,375	25,126	27,730	28,147	24,927	27,582	28,381	29,350
Ending stocks, Sept. 30	146	355	163	212	240	153	173	318	285	300
SOYBEAN OIL (MIL. POUNDS)										
Beginning stocks, Oct. 1	543	561	1,210	632	947	1,725	2,092	1,715	1,305	1,785
Production	8,265	9,630	11,270	11,617	12,783	12,974	11,737	13,004	13,408	14,005
Total supply◊	8,808	10,191	12,480	12,257	13,745	14,895	13,967	14,741	14,730	15,800
Domestic usage	6,293	7,964	9,113	10,053	10,833	10,930	10,591	12,083	12,185	12,250
Exports	1,742	976	1,631	1,257	1,187	1,873	1,661	1,353	780	1,350
Total usage	8,035	8,940	10,744	11,310	12,020	12,803	12,252	13,436	12,965	13,600
Ending stocks, Sept. 30	773	1,251	1,736	947	1,725	2,092	1,715	1,305	1,870	2,200

Forecast. †Includes imports of 4 tons in 88/89, 8 in 89/90, 15 in 90/91 & 5 in 91/92. ◊Includes imports of 196 mil. lbs. in 87/88, 138 mil. in 88/89, 8 mil. in 89/90, 23 mil. in 90/91 & 5 mil. in 91/92. Source: Official Statistics; OIL CROPS SITUATION & OUTLOOK REPORT, (APR. 92), USDA, ERS.

SOYBEAN USAGE IN THE U.S.



U.S. SOYBEAN EXPORTS AS A PERCENT OF TOTAL USAGE



ARGENTINA SOYBEANS & PRODUCTS: SUPPLY AND DISPOSITION

Local Marketing Years (Apr.-Mar.)
(Thousand Metric Tons)

	Area Harvested (Th. Hectares)	Average Yield (MT per Hectare)	Total Production	Imports	Exports	Crush	Domestic Consumption	Ending Stocks
Soybeans								
1975-76 (74)	358	1.362	485	0	0	529	574	218
1980-81 (79)	2,030	1.773	3,600	0	2,726	720	897	204
1985-86 (84)	3,270	2.064	6,750	0	2,954	3,445	3,780	294
1986-87 (85)	3,316	2.201	7,300	0	2,566	4,347	4,711	317
1987-88 (86)	3,510	1.994	7,000	0	1,292	4,969	5,384	641
1988-89 (87)	4,260	2.277	9,700	0	2,100	6,969	7,489	752
1989-90 (88)	4,000	1.625	6,500	0	516	5,413	5,933	803
1990-91 (89)	4,950	2.172	10,750	0	3,611	6,557	7,057	885
1991-92 (90)	4,800	2.396	11,500	0	4,075	7,400	7,900	410
1992-93 (91)	4,800	2.146	10,300	0	2,750	7,000	7,500	460
Soybean Meal								
1975-76 (74)	—	—	408	0	158	—	265	13
1980-81(79)	—	—	561	0	277	—	277	16
1985-86 (84)	—	—	2,739	0	2,521	—	303	34
1986-87 (85)	—	—	3,455	0	3,248	—	187	54
1987-88 (86)	—	—	3,922	0	3,600	—	332	44
1988-89 (87)	—	—	5,582	0	5,350	—	82	194
1989-90 (88)	—	—	4,368	0	4,350	—	48	104
1990-91 (89)	—	—	5,324	0	4,792	—	217	479
1991-92 (90)	—	—	6,000	0	5,200	—	100	179
1992-93 (91)	—	—	5,670	0	5,500	—	150	199
Soybean Oil								
1975-76 (74)	—	—	92	0	20	—	67	8
1980-81 (79)	—	—	121	0	88	—	25	12
1985-86 (84)	—	—	579	0	544	—	43	40
1986-87 (85)	—	—	729	0	649	—	62	58
1987-88 (86)	—	—	853	0	800	—	93	18
1988-89 (87)	—	—	1,199	0	1,030	—	119	68
1989-90 (88)	—	—	927	0	868	—	50	77
1990-91 (89)	—	—	1,124	0	1,022	—	79	100
1991-92 (90)	—	—	1,280	0	1,200	—	85	95
1992-93 (91)	—	—	1,205	0	1,050	—	138	112

Source: Counselor and Attache Reports, Official Statistics and USDA estimates, Fgn. Ag. Service, Oilseeds and Products Div. ( ) indicates year planted.

BRAZILIAN SOYBEANS & PRODUCTS: SUPPLY AND DISPOSITION

Local Marketing Years (Feb-Jan)
(Thousand Metric Tons)

	Area Harvested (Th. Hectares)	Average Yield (MT per Hectare)	Total Production	Imports	Exports	Crush	Domestic Consumption	Ending Stocks
Soybeans								
1975-76 (74)	5,824	1.698	9,892	0	3,516	5,516	6,171	564
1980-81 (79)	8,774	1.727	15,156	474	1,533	13,009	13,929	1,091
1985-86 (84)	10,153	1.800	18,278	378	3,458	13,774	14,899	982
1986-87 (85)	9,450	1.492	14,100	337	1,192	12,332	13,377	850
1987-88 (86)	9,270	1.866	17,300	441	3,290	13,820	15,031	270
1988-89 (87)	10,524	1.712	18,021	62	3,020	13,676	15,033	300
1989-90 (88)	12,170	1.906	23,200	63	5,080	16,189	17,557	926
1990-91 (89)	11,400	1.784	20,340	0	4,220	15,435	16,645	401
1991-92 (90)	9,650	1.632	15,750	350	1,900	13,000	14,150	451
1992-93 (91)	10,000	1.850	18,500	100	3,200	14,000	15,200	651
Soybean Meal								
1975-76 (74)	—	—	4,279	0	3,450	—	810	86
1980-81 (79)	—	—	9,968	0	6,936	—	2,595	619
1985-86 (84)	—	—	10,688	0	8,628	—	2,120	303
1986-87 (85)	—	—	9,590	0	6,961	—	2,649	283
1987-88 (86)	—	—	10,782	0	8,030	—	2,779	256
1988-89 (87)	—	—	10,710	0	8,477	—	2,191	298
1989-90 (88)	—	—	12,625	0	9,577	—	2,909	437
1990-91 (89)	—	—	12,092	0	8,994	—	2,839	686
1991-92 (90)	—	—	10,140	0	7,500	—	3,013	313
1992-93 (91)	—	—	10,950	0	7,550	—	3,300	413
Soybean Oil								
1975-76 (74)	—	—	1,022	0	320	—	702	150
1980-81 (79)	—	—	2,463	3	809	—	1,516	262
1985-86 (84)	—	—	2,587	107	935	—	1,596	270
1986-87 (85)	—	—	2,319	156	413	—	2,074	260
1987-88 (86)	—	—	2,805	59	975	—	1,832	117
1988-89 (87)	—	—	2,576	61	661	—	1,959	134
1989-90 (88)	—	—	3,050	15	864	—	2,220	115
1990-91 (89)	—	—	2,908	12	887	—	2,011	137
1991-92 (90)	—	—	2,450	45	410	—	2,073	149
1992-93 (91)	—	—	2,620	25	510	—	2,150	134

Source: Counselor and Attache Reports, Official Statistics and USDA estimates, Fgn. Ag. Service, Oilseeds and Products Div. ( ) indicate year planted.

PRICES OF U.S. SOYBEANS: NO. 1 YELLOW

Average Price Per Bushel, Illinois Country Shipping Points
By Month (In Dollars)

Year*	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	AVG.
1950-51	2.45	2.30	2.72	2.95	3.10	3.25	3.25	3.25	3.24	3.04	2.94	2.87	2.95
1955-56	2.24	2.22	2.19	2.27	2.35	2.45	2.56	2.85	3.10	2.97	2.54	2.40	2.51
1960-61	2.07	2.04	2.05	2.15	2.39	2.66	2.88	3.14	3.06	2.73	2.59	2.63	2.53
1965-66	2.61	2.38	2.49	2.62	2.77	2.84	2.82	2.92	3.03	3.30	3.49	3.63	2.91
1970-71	2.75	2.90	2.87	2.88	2.89	3.01	3.00	2.91	2.99	3.12	3.30	3.23	3.00
1975-76	5.57	5.01	4.71	4.56	4.64	4.75	4.72	4.75	5.23	6.23	6.66	6.31	5.26
1980-81	8.13	8.27	8.91	7.73	7.57	7.34	7.37	7.72	7.58	7.13	7.36	6.94	7.67
1981-82	6.44	6.30	6.28	6.23	6.30	6.24	6.16	6.42	6.56	6.31	6.20	5.73	6.26
1982-83	5.40	5.26	5.70	5.73	5.81	5.86	5.98	6.35	6.27	6.06	6.59	8.46	6.12
1983-84	8.93	8.46	8.20	7.77	7.67	7.37	7.97	7.98	8.61	7.91	6.85	6.63	7.86
1984-85	6.21	6.27	6.25	6.07	6.04	5.97	6.08	6.13	5.95	5.88	5.65	5.28	5.98
1985-86	5.19	5.05	5.19	5.32	5.45	5.38	5.47	5.40	5.44	5.43	5.33	5.00	5.30
1986-87	4.96	4.89	5.08	4.96	4.95	4.89	4.92	5.12	5.52	5.63	5.47	5.28	5.14
1987-88	5.27	5.32	5.64	5.94	6.17	6.21	6.30	6.71	7.31	9.13	8.59	8.52	6.76
1988-89	8.52	7.92	7.67	7.83	7.83	7.60	7.78	7.39	7.40	7.25	7.08	6.06	7.53
1989-90	6.00	5.64	5.70	5.82	5.72	5.85	6.00	6.00	6.20	6.09	6.19	6.26	5.96
1990-91	6.28	6.14	5.67	5.91	5.76	5.85	5.92	6.01	5.89	5.83	5.54	5.78	5.90
1991-92	5.96	5.68	5.71	5.68	5.77	5.81							

*Year begins in September. Note: Beginning September 1953, price quotations are for No. 1 and No. 2 yellow soybeans when the degrading factors were test weight and/or splits only. Source: Official Statistics; OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 92), USDA, Economic Research Service.

PRICES OF U.S. SOYBEANS: RECEIVED BY FARMERS

Average Price Per Bushel
By Month* (In Dollars)

Year†	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	AVG.◊
1950-51	2.26	2.03	2.54	2.70	2.90	3.08	3.10	3.12	3.13	2.96	2.86	2.71	2.47
1955-56	2.00	2.08	2.08	2.11	2.19	2.25	2.36	2.63	2.98	2.87	2.47	2.33	2.22
1960-61	1.97	1.94	1.96	1.99	2.23	2.48	2.68	3.02	2.96	2.60	2.48	2.49	2.13
1965-66	2.35	2.31	2.36	2.48	2.67	2.77	2.71	2.78	2.90	3.04	3.37	3.49	2.54
1970-71	2.66	2.67	2.86	2.77	2.86	2.92	2.91	2.80	2.85	2.98	3.18	3.09	2.85
1975-76	5.32	4.92	4.45	4.28	4.46	4.50	4.46	4.52	4.87	6.16	6.73	6.07	4.92
1980-81	7.59	7.68	8.18	7.80	7.80	7.50	7.59	7.60	7.42	7.10	7.16	6.71	7.57
1981-82	6.21	6.06	6.04	6.00	6.13	6.04	5.99	6.17	6.27	6.12	5.99	5.59	6.04
1982-83	5.22	5.06	5.34	5.46	5.56	5.66	5.82	6.08	6.05	5.91	6.28	7.57	5.67
1983-84	8.28	7.96	7.81	7.75	7.85	7.28	7.68	7.83	8.12	7.99	6.95	6.50	7.83
1984-85	6.09	6.07	6.01	5.82	5.91	5.77	5.88	5.86	5.70	5.62	5.42	5.10	5.84
1985-86	4.99	4.85	4.92	5.01	5.16	5.18	5.23	5.23	5.25	5.19	5.11	4.99	5.05
1986-87	4.86	4.51	4.64	4.67	4.70	4.69	4.73	4.90	5.20	5.36	5.25	5.02	4.78
1987-88	5.02	5.04	5.36	5.63	5.73	5.97	5.93	6.98	6.99	8.14	8.50	8.33	6.15
1988-89	7.93	7.53	7.43	7.53	7.69	7.41	7.51	7.29	7.20	7.05	6.83	6.07	7.29
1989-90	5.70	5.54	5.68	5.64	5.65	5.57	5.65	5.82	5.96	5.88	5.97	6.00	5.75
1990-91	5.99	5.87	5.78	5.72	5.72	5.65	5.77	5.77	5.59	5.55	5.36	5.66	5.70
1991-92	5.79	5.68	5.48	5.39	5.54	5.59	5.70						

†Year begins in September. ◊Weighted average. *Monthly prices computed by weighting state prices by estimated sales for the month. Source: Official Statistics; OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 92), USDA, Economic Research Service.

U.S. SOYBEAN PRICE SUPPORT OPERATIONS

Year Beg. October	Production (1,000 Bu.)	Owned by CCC on Oct. 1 (1,000 Bu.)	Under Price Support: Loans (1,000 Bu.)	Under Price Support: Purchase Agreements (1,000 Bu.)	Under Price Support: Total (1,000 Bu.)	Under Price Support: Percent of Crop (%)	Deliveries to CCC (1,000 Bu.)	Support Rate Per Bu. ($)	Season Avg. Price Rec'd by Farmers 1/ ($)	Price Rec'd by Farmers as % of Parity 2/ (%)
1945	193,167	—	32	—	32	0.02	—	2.04	2.08	123
1950	299,249	7	14,716	238	14,954	5.00	29	2.06	2.47	102
1955	373,682	6,570	27,490	2,643	30,133	8.10	2	2.04	2.22	82
1960	555,085	9,700	25,400	200	25,600	4.60	0	1.85	2.13	84
1965	845,608	9	86,517	—	86,517	10.20	29	2.25	2.54	84
1970	1,127,100	115,311 3/	146,416	—	146,416	13.00	37	2.25	2.85	75
1975	1,548,344	—	—	—	—	—	—	None	4.92	68
1976	1,288,608	—	22,471	—	22,471	1.70	—	2.50	6.81	90
1977	1,767,267	—	97,262	—	97,262	5.50	—	3.50	5.88	77
1978	1,868,754	—	64,208	—	64,208	3.40	17	4.50	6.66	75
1979	2,260,665	1	122,349	—	122,349	5.40	122	4.50	6.29	62
1980	1,797,543	19	133,192	—	133,192	7.40	3,424	5.02	7.60	65
1981	1,989,110	—	221,154	—	221,154	11.10	23,419	5.02	6.07	49
1982	2,190,297	2,704	396,564	—	296,564	18.10	287	5.02	5.71	44
1983	1,635,772	20,770	101,208	—	101,208	6.20	443	5.02	7.83	60
1984	1,860,863	3,018	278,257	—	278,257	14.95	151,716	5.02	5.84	45
1985	2,099,056	30,687	517,661	—	517,661	24.67	301,327	5.02	5.05	40
1986	1,942,558	171,044	327,009	—	327,009	16.86	105	4.77	4.78	39
1987	1,938,087	232,030	274,717	—	274,717	14.18	62	4.77	5.88	49
1988	1,548,841	2,914	120,070	—	120,070	7.75	38	4.77	7.42	60
1989	1,923,666	627	208,879	—	208,879	10.86	12	4.53	5.69	46
1990	1,925,947	45	241,472	—	241,472	12.54	21	4.50	5.74	46
1991	1,985,564	0	—	—	—	—	—	5.02	—	—

1/State average weighted by sales to obtain national average. Prices for years in which there was a substantial volume of deliveries to CCC from loans and purchase agreements include an allowance for such deliveries valued at average loan rates. 2/Generally mid-September parity prices. 3/Excludes 42 million bushels resealed. Source: Official Statistics; U.S. Department of Agriculture, Agricultural Stabilization & Conservation Service, Analysis Division.

U.S. SOYBEAN CROP VALUE

U.S. and Major Producing States

1925 - 1991 (in $1,000)

Year	Total U.S.	Illinois	Iowa	Indiana	Ohio	Missouri	Minnesota	Arkansas
1925	11,430	3,077	260	872	571	905	—	69
1930	19,058	8,225	1,350	2,495	651	1,584	—	184
1935	35,565	18,983	4,510	4,879	1,771	1,140	76	604
1940	70,224	29,675	12,478	8,928	8,168	1,601	779	832
1945	402,234	156,416	73,143	58,889	39,935	19,843	13,860	6,822
1950	737,760	238,383	112,094	89,208	62,539	64,790	42,785	28,357
1955	830,909	227,956	101,293	99,951	66,640	71,155	98,412	44,469
1960	1,184,910	288,335	141,164	140,843	80,063	102,304	87,623	109,231
1965	2,151,305	467,141	329,121	199,362	129,702	192,762	155,213	195,392
1970	3,204,650	611,320	520,572	289,611	195,389	250,937	229,126	279,484
1975	7,617,984	1,530,547	1,206,228	605,593	511,500	549,921	494,721	551,075
1980	13,559,595	2,361,248	2,352,939	1,195,214	1,036,858	1,028,331	1,084,066	516,128
1981	12,071,341	2,161,725	1,916,880	922,944	616,455	934,856	803,184	610,830
1982	12,462,799	2,086,238	1,784,412	954,608	756,576	959,310	982,181	602,976
1983	12,774,974	2,119,782	2,159,150	974,702	830,234	807,520	1,159,752	553,261
1984	10,748,050	1,662,161	1,468,530	880,940	803,613	627,997	938,956	604,344
1985	10,571,324	1,977,525	1,545,403	932,854	819,086	894,958	769,800	508,880
1986	9,262,746	1,767,600	1,658,693	748,510	712,525	786,581	768,180	328,020
1987	11,391,000	1,983,600	2,051,591	1,033,560	857,142	899,232	1,106,235	442,520
1988	11,487,742	1,750,005	1,840,563	872,025	753,246	835,108	911,040	628,160
1989	10,916,145	2,039,040	1,814,810	961,574	718,370	682,080	1,032,300	442,176
1990	11,042,010	2,076,165	1,845,796	995,718	788,533	713,385	995,670	534,560
1991	11,078,442	1,911,000	1,909,271	958,874	773,604	770,156	1,093,540	506,240

Source: U.S. Department of Agriculture, National Agricultural Statistics Service.

U.S. FARM MARKETINGS OF SOYBEANS

Percent of Open Market Farm Sales, by Month

1981/82 - 1990/91

Crop Marketing Season

Month	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91
September	6.0	5.7	8.1	4.2	5.8	7.0	12.4	8.4	5.8	4.9
October	16.4	17.6	20.2	14.3	17.4	20.1	23.3	23.4	24.6	25.9
November	15.6	14.0	12.0	19.9	13.6	12.2	10.0	12.0	10.5	10.7
December	7.2	8.5	7.4	9.0	12.0	8.3	5.9	8.8	7.0	5.2
January	10.7	12.6	11.7	9.5	13.9	13.6	13.0	13.5	12.3	9.5
February	6.4	6.2	5.5	5.5	5.6	6.4	6.5	4.0	7.3	6.9
March	6.6	6.7	9.7	8.9	8.1	6.7	6.8	6.9	8.2	5.1
April	9.1	5.7	6.3	6.9	5.9	6.9	5.0	4.6	6.3	7.2
May	6.7	4.0	11.0	4.8	4.6	6.0	5.4	4.2	5.2	5.2
June	4.0	4.3	3.2	5.9	5.0	4.3	4.9	5.6	3.6	6.1
July	4.9	7.8	2.1	6.1	4.7	4.4	3.8	4.1	4.3	6.4
August	4.4	6.9	2.7	5.0	3.4	4.1	3.0	4.5	5.1	6.9
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Source: U.S. Department of Agriculture, National Agricultural Statistics Service.

VALUE OF U.S. SOYBEAN PRODUCTS AND CRUSH MARGIN (PER BUSHEL)

1950 - 1990

	Value of Products per Bushel							Soybean Price		Margin Between Value of Products and Soybean Price	
	Soy Oil			Soybean Meal			Total				
Year beg. Sept.	Yield* (pounds)	Price† (cents)	Value (dollars)	Yield* (pounds)	Price◊ (cents)	Value (dollars)	Value in (dollars)	Rec'd by Farmers (dollars)	No. 1 Y IL pts. (dollars)	Rec'd by Farmers (dollars)	No. 1 Y IL pts. (dollars)
1950	9.7	17.9	1.74	46.8	3.16	1.48	3.22	2.47	2.95	.75	.27
1955	11.1	12.5	1.39	46.2	2.68	1.24	2.63	2.22	2.51	.41	.12
1960	11.0	11.2	1.23	47.0	3.00	1.41	2.64	2.13	2.53	.51	.11
1965	10.7	11.8	1.26	47.5	4.02	1.91	3.17	2.54	2.91	.63	.26
1970	10.8	12.8	1.38	47.4	3.96	1.88	3.26	2.85	3.00	.41	.26
1975	10.9	18.5	2.02	47.3	7.20	3.40	5.42	4.92	5.26	.50	.16
1980	11.1	23.3	2.58	47.9	11.10	5.32	7.90	7.57	7.67	.33	.23
1981	10.7	19.1	2.04	47.9	9.25	4.43	6.47	6.04	6.26	.43	.21
1982	10.8	19.0	2.22	47.9	9.40	4.48	6.70	5.65	6.12	1.05	.58
1983	11.3	31.1	3.50	47.4	9.78	4.63	8.13	7.83	7.86	.30	.27
1984	11.0	30.0	3.31	47.2	6.33	2.99	6.30	5.85	5.98	.45	.32
1985	11.0	18.7	2.06	47.3	7.60	3.59	5.65	5.05	5.30	.60	.35
1986	10.9	15.2	1.65	47.1	8.08	3.80	5.46	4.78	5.14	.68	.32
1987	11.0	22.1	2.44	47.8	10.73	5.13	7.57	6.15	6.76	1.42	.81
1988	11.2	21.7	2.42	47.4	11.87	5.63	8.05	7.42	7.53	.63	.52
1989	11.2	21.5	2.40	47.5	8.86	4.21	6.61	5.69	5.96	.91	.65
1990	11.2	21.3	2.39	47.2	8.43	3.98	6.37	5.75	5.90	.62	.47

*Because Census reports crush & production quarterly, yields of meal & oil will be adjusted quarterly. †Crude, tanks, f.o.b. Decatur. ◊44 percent (solvent), Decatur. Source: Official Statistics; OIL CROPS SITUATION AND OUTLOOK REPORT (Jan. 92), USDA, ERS.

U.S. SOYBEAN MEAL: PRICES PAID BY FARMERS

Soybean Meal, 44% Protein: Dollars per 100 Pounds,
1950 - 1992

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	AVG.
1950	4.20	4.02	4.11	4.19	4.58	4.73	5.16	5.01	4.44	4.15	4.24	4.34	4.43
1955	4.77	4.73	4.62	4.50	4.36	4.16	4.16	4.14	4.17	4.33	4.08	3.97	4.33
1960	4.24	4.19	4.14	4.16	4.09	4.05	4.03	3.98	4.01	3.96	3.85	3.80	4.04
1965	4.76	4.81	4.80	4.82	4.82	4.90	5.03	5.04	5.01	5.01	5.10	5.01	4.93
1970	5.73	5.87	5.62	5.46	5.45	5.42	5.56	5.67	5.72	5.69	5.62	5.67	5.62
1975	9.86	9.10	8.37	8.64	8.54	8.48	8.57	8.88	9.24	9.23	8.75	8.74	8.87
1980	12.80	12.80	12.60	12.20	12.30	12.40	12.70	13.70	14.60	15.30	16.50	16.30	13.68
1981	15.90	15.50	15.00	15.20	15.40	15.20	15.00	14.90	14.40	14.00	13.70	13.80	14.83
1982	13.70	13.90	13.70	13.80	13.90	13.90	13.70	13.50	13.20	12.90	12.90	13.00	13.51
1983	13.10	13.20	13.20	13.60	13.70	13.50	13.50	14.70	15.70	15.80	15.80	15.60	14.28
1984	15.60	14.80	14.50	14.50	14.20	13.60	13.00	12.60	12.30	11.80	11.60	11.30	13.32
1985	11.10	11.00	10.60	10.30	10.10	9.82	9.74	9.76	10.00	10.30	10.60	10.70	10.34
1986*	10.90	11.10		11.40			11.50			11.60			11.30
1987	11.30			11.40			12.40			12.60			11.93
1988	13.90			13.70			18.00			17.00			15.70
1989	16.60			15.60			15.60			14.70			15.60
1990	13.50			12.70			13.20			13.10			13.10
1991	12.50			12.70			12.70			13.40			12.80
1992	13.00			13.00									

*Monthly program discontinued. Quarterly program began April 1986. Source: Agricultural Prices, U.S. Department of Agriculture, National Agricultural Statistics Service.

U.S. SOYBEAN MEAL: AVERAGE WHOLESALE PRICE

Soybean Meal, 44% Protein: Dollars per Ton, Bulk Decatur
By Month, 1950/51 - 1990/91

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	AVG.*
1950-51	54.05	61.45	64.70	63.90	69.25	67.00	62.00	63.40	64.40	68.80	64.60	69.75	64.44
1955-56	56.00	49.00	50.25	51.00	49.40	47.40	53.00	60.05	60.75	54.80	52.10	46.90	52.55
1960-61	48.95	44.50	51.25	55.20	61.50	64.45	73.10	71.00	63.85	65.00	68.90	59.60	60.60
1965-66	70.80	75.70	71.40	78.80	77.30	71.50	75.50	80.30	92.70	97.20	97.90	88.40	81.50
1970-71	77.25	77.90	82.00	80.25	77.50	77.00	74.25	78.25	81.50	84.25	78.75	73.25	78.80
1975-76	125.90	119.90	125.10	128.25	132.60	127.90	127.10	152.25	187.90	193.90	173.30	179.20	147.80
1976-77	169.60	181.20	197.60	207.00	211.00	226.20	275.60	258.25	225.30	162.00	140.30	143.60	199.80
1977-78	135.00	161.70	160.10	162.20	152.90	179.40	173.00	177.40	169.75	172.00	162.90	163.90	164.20
1978-79	176.80	177.10	186.75	184.90	190.90	194.50	191.10	188.00	209.60	201.60	188.90	188.60	190.10
1979-80	181.40	183.10	188.00	180.20	174.25	164.60	154.20	166.50	160.90	187.90	207.40	234.50	181.90
1980-81	246.40	261.40	223.70	223.50	212.50	210.40	222.00	221.00	200.90	204.10	202.25	190.00	218.20
1981-82	180.75	178.40	187.50	191.00	191.00	183.60	190.25	192.40	183.60	181.90	169.00	160.80	182.50
1982-83	157.00	173.40	178.50	179.75	177.10	177.30	186.75	185.75	175.50	189.30	232.80	233.60	187.20
1983-84	228.60	224.70	216.60	201.90	184.40	196.40	190.00	187.40	174.40	157.60	151.60	144.90	188.20
1984-85	141.60	135.20	136.75	135.20	125.25	125.90	117.30	111.50	110.25	114.00	121.40	130.60	125.40
1985-86	138.30	142.50	145.00	153.25	152.25	163.70	157.00	157.90	158.90	161.00	163.50	165.20	154.90
1986-87	151.90	154.00	149.60	146.80	154.40	146.60	159.00	174.90	185.80	181.25	169.90	177.20	162.60
1987-88	185.50	206.60	214.80	193.75	183.00	191.80	200.40	223.50	287.80	255.60	255.10	264.90	221.90
1988-89	259.75	248.20	246.00	249.00	234.10	237.10	220.75	214.70	227.50	231.50	215.50	217.10	233.46
1989-90	191.60	183.40	179.40	172.30	161.90	165.10	165.40	176.20	169.10	171.32	172.40	176.90	173.75
1990-91	172.50	163.00	164.80	155.00	163.50	165.75	171.50	171.00	171.10	169.70	177.60	191.90	169.78

Source: Official Statistics; OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 92), USDA, ERS. *Weighted average.

U.S. SOYBEAN MEAL: BEGINNING STOCKS, PRODUCTION, EXPORTS AND DOMESTIC DISAPPEARANCE

By Quarter 1984-1991 (Thousand Short Tons)

Year beg. Oct. 1	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	TOTAL
1984-85													
Stocks†	255.4	236.1	285.7	336.8	319.3	334.1	444.6	428.8	495.8	569.6	562.5	458.0	—
Production†	2,107.6	2,326.0	2,381.0	2,226.4	1,887.2	2,023.6	1,958.3	2,100.9	1,952.7	1,934.0	1,831.6	1,800.6	24,529.9
Exports	256.2	474.7	635.7	515.3	431.8	416.3	387.4	331.3	353.0	338.7	364.4	411.7	4,916.5
Domestic Disappearance	1,870.7	1,801.7	1,694.2	1,728.3	1,440.9	1,496.8	1,585.7	1,703.6	1,525.9	1,602.4	1,571.7	1,460.0	19,481.9
1985-86													
Stocks†	386.9	318.4	369.2	358.4	372.4	281.3	386.6	300.8	282.4	278.7	250.6	298.3	—
Production†	2,218.1	2,287.7	2,379.9	2,343.8	1,925.2	2,159.7	2,008.4	2,036.7	1,879.4	1,976.6	1,863.4	1,878.7	24,957.6
Exports	397.8	615.1	638.5	590.3	619.1	649.3	607.7	378.1	452.9	404.2	345.0	312.9	6,010.9
Domestic Disappearance	1,888.8	1,621.8	1,752.2	1,739.5	1,397.2	1,405.1	1,486.5	1,677.0	1,430.2	1,600.5	1,474.9	1,644.6	19,118.3
1986-87													
Stocks†	211.7	218.0	387.3	240.3	311.2	277.5	235.8	244.0	321.7	261.3	292.9	301.3	—
Production†	2,520.9	2,562.8	2,527.3	2,590.1	2,409.9	2,489.1	2,256.4	2,245.6	2,134.9	2,185.2	1,948.9	1,887.7	27,758.8
Exports	524.1	818.4	867.8	584.9	930.1	992.4	654.8	427.8	455.8	480.3	382.0	204.6	7,343.0
Domestic Disappearance	1,990.6	1,575.2	1,786.4	1,926.4	1,513.5	1,538.4	1,593.4	1,740.1	1,739.5	1,673.2	1,558.5	1,744.2	20,379.4
1987-88													
Stocks†	240.2	267.6	311.8	296.2	390.4	304.9	243.7	299.5	255.6	294.4	437.4	264.6	—
Production†	2,439.4	2,667.8	2,649.3	2,554.4	2,377.1	2,572.8	2,449.9	2,339.9	2,129.0	2,110.3	1,872.5	1,897.8	28,060.2
Exports	260.4	509.8	654.9	635.0	986.9	984.7	739.1	716.7	366.8	301.1	285.6	441.0	6,871.0
Domestic Disappearance	2,151.6	2,113.9	2,021.0	1,825.2	1,475.8	1,649.4	1,654.9	1,667.1	1,723.4	1,666.2	1,759.7	1,567.9	21,275.9
1988-89													
Stocks†	153.5	267.8	295.6	353.6	442.3	395.7	237.9	298.8	260.4	218.0	264.9	152.0	—
Production†	2,235.5	2,399.4	2,390.0	2,359.8	2,036.3	2,218.8	2,126.6	2,061.2	1,802.9	1,749.2	1,804.4	1,756.6	24,942.7
Exports	511.8	409.0	594.1	548.0	512.1	760.9	610.9	532.4	180.8	134.0	177.1	159.7	5,130.8
Domestic Disappearance	1,609.4	1,962.7	1,737.9	1,723.2	1,570.8	1,615.8	1,456.7	1,565.1	1,664.6	1,568.2	1,740.1	1,578.1	19,908.2
1989-90													
Stocks†	172.9	220.5	194.3	328.2	254.0	262.0	311.8	307.9	252.6	282.5	267.7	232.0	—
Production†	2,246.0	2,494.0	2,520.0	2,360.0	2,036.0	2,219.0	2,127.0	2,016.0	1,801.0	1,749.0	1,804.0	1,763.0	25,180.0
Exports	291.0	399.0	593.0	602.0	582.0	590.0	461.0	436.0	439.0	304.0	345.0	275.0	5,317.0
Domestic Disappearance	1,907.0	2,122.0	1,791.0	2,022.0	1,599.0	1,792.0	1,907.0	1,843.0	1,737.0	1,887.0	1,930.0	1,826.0	22,363.0
1990-91													
Stocks†	318.3	291.0	314.0			455.8			527.8			425.0	—
Production†	2,509.0	2,518.0	2,433.0			6,615.0			5,989.0			5,316.0	25,380.0
Exports	313.0	530.0	436.0			1,636.0			1,146.0			1,408.0	5,469.0
Domestic Disappearance	2,223.0	1,965.0	1,855.0			5,539.7			5,668.4			6,004.1	23,255.2

Beg. Jan. 1991, Census reports of crush and stocks were reported on a quarterly basis instead of monthly, but will return to monthly reports as of Jan. 1992. †Includes millfeed (hull meal). Source: Official Statistics; OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 92), USDA, ERS.

PRICES OF U.S. SOYBEAN OIL

Soy Oil, Domestic Crude: Average Cents Per Pound In Tank Cars At Midwestern Mills By Month, 1950-1992

Yr. Beg. Oct. 1	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	AVG*
1950-51	14.6	17.1	19.6	20.6	21.1	20.5	20.5	19.5	16.4	14.5	15.4	14.0	17.8
1955-56	10.9	11.0	10.9	11.7	12.8	14.3	14.9	15.3	13.6	12.5	11.4	11.3	12.5
1960-61	9.4	10.2	10.0	10.9	12.2	13.3	13.3	12.7	13.6	10.9	10.9	10.5	11.3
1965-66	11.5	11.2	11.2	11.9	12.0	11.3	11.6	11.3	11.2	12.3	14.1	12.3	11.8
1970-71	14.0	13.9	12.4	12.3	12.1	12.2	11.2	11.4	12.8	14.5	14.5	12.8	12.8
1975-76	21.4	18.9	16.6	16.2	16.3	16.6	16.3	15.8	17.6	20.9	20.4	22.5	18.3
1980-81	25.1	26.7	23.7	23.0	22.0	23.1	23.4	21.6	21.3	22.8	20.8	19.4	22.7
1981-82	19.7	19.9	18.9	18.4	18.2	18.5	19.7	20.6	19.4	19.0	17.9	17.4	19.0
1982-83	17.4	17.6	16.6	16.4	17.3	17.7	19.3	19.8	19.4	21.6	30.2	34.3	20.6
1983-84	30.7	28.1	27.4	28.3	27.2	30.1	32.1	39.0	36.0	30.9	29.0	28.0	30.6
1984-85	30.6	31.9	28.4	28.0	29.6	31.4	33.6	32.5	32.5	29.1	24.1	22.5	29.5
1985-86	20.7	20.6	21.4	20.6	18.6	17.6	17.7	17.8	16.8	16.2	14.3	13.9	18.0
1986-87	14.6	14.9	14.9	15.6	15.4	15.2	15.3	16.2	16.0	15.4	15.2	15.6	15.4
1987-88	17.0	17.6	19.0	22.0	21.9	20.2	21.7	26.6	27.7	29.7	27.2	25.6	23.0
1988-89	23.4	23.4	22.1	21.1	21.2	22.1	21.9	22.2	20.7	19.6	18.0	18.7	21.2
1989-90	19.0	18.6	18.1	19.3	19.2	21.7	22.2	23.6	25.0	24.7	25.0	24.4	21.7
1990-91	22.5	21.0	21.5	21.5	21.6	22.2	21.5	20.2	19.6	19.0	20.2	20.4	20.9
1991-92	19.5	18.7	18.9	18.7	18.8	19.7							

*Weighted average. Source: Official Statistics; OIL CROPS SITUATION AND OUTLOOK REPORT (Apr. 92), U.S. Department of Agriculture, Economic Research Service.

U.S. OILSEED CAKE AND MEALS: SUPPLY DISPOSITION AND PRICE
1983 - 1991

	Supply				Disposition				
Year Beg. October	Stocks Oct. 1*	Pro-duction	Imports	Total	Domestic Disappearance 1,000 tons	Exports	Ship-ments	Total	Price per Ton† Dollars
1983									
Soybean	474	22,756	—	23,230	17,615	5,360	—	22,975	188.20
Cottonseed	93	1,134	—	1,227	1,126	1	—	1,127	190.20
Linseed	5	236	1	242	122	113	—	235	140.20
Peanut	2	71	—	73	70	—	—	70	209.00
Total	574	24,197	1	24,772	18,933	5,474	—	24,407	—
1984									
Soybean	255	24,529	—	24,784	19,480	4,917	—	24,397	125.40
Cottonseed	100	1,732	—	1,832	1,758	6	—	1,764	99.40
Linseed	7	183	2	192	112	77	—	189	87.90
Peanut	3	95	—	98	85	—	—	85	130.00
Sunflower	6	355	—	361	339	16	—	355	52.35
Total	371	26,894	2	27,267	21,774	5,016	—	26,790	—
1985									
Soybean	387	24,951	—	25,338	19,090	6,036	—	25,126	154.90
Cottonseed	68	1,526	—	1,594	1,520	5	—	1,525	134.30
Linseed	3	166	3	172	103	65	—	168	113.95
Peanut	13	137	—	150	146	—	—	146	160.00
Sunflower	6	393	—	399	344	49	—	393	68.80
Total	477	27,173	3	27,653	21,203	6,155	—	27,358	—
1986									
Soybean	212	27,758	—	27,970	20,387	7,343	—	27,730	162.70
Cottonseed	69	1,112	—	1,181	1,131	18	—	1,149	148.55
Linseed	4	185	2	191	133	56	—	189	113.25
Peanut	4	102	—	106	104	—	—	104	167.70
Sunflower	6	336	—	342	297	39	—	336	75.85
Total	295	29,493	2	29,790	22,252	7,456	—	29,508	—
1987									
Soybean	240	28,060	—	28,300	21,293	6,854	—	28,147	221.90
Cottonseed	32	1,647	—	1,679	1,590	45	—	1,635	178.50
Linseed	2	191	2	195	127	65	—	192	160.30
Peanut	2	109	—	111	109	—	—	109	204.40
Sunflower	6	470	—	476	420	51	—	471	98.80
Total	282	30,477	2	30,761	23,539	7,015	—	30,554	—
1988									
Soybean	153	24,943	4	25,100	19,485	5,442	—	24,927	233.00
Cottonseed	44	1,689	3	1,736	1,632	23	—	1,655	185.00
Linseed	3	163	11	177	113	59	—	172	162.05
Peanut	2	168	—	170	160	5	—	165	223.75
Sunflower	5	327	14	346	336	7	—	343	120.00
Total	207	27,290	32	27,529	21,726	5,536	—	27,262	—
1989									
Soybean	173	27,719	8	27,900	22,263	5,319	—	27,582	173.75
Cottonseed	81	1,327	22	1,430	1,366	16	—	1,382	163.30
Linseed	5	145	6	156	130	21	—	151	130.40
Peanut	5	111	—	116	98	15	—	113	191.85
Sunflower	3	291	14	308	300	3	—	303	100.40
Total	267	29,593	50	29,910	24,157	5,374	—	29,531	—
1990									
Soybean	318	28,325	23	28,666	22,912	5,469	—	28,381	169.90
Cottonseed	48	1,695	7	1,750	1,624	32	—	1,656	130.75
Linseed	N/A	N/A	3	—	N/A	34	—	—	129.55
Peanut	3	170	—	173	117	53	—	170	187.65
Sunflower	5	310	20	335	324	6	—	330	88.00
Total	374	30,500	53	30,924	24,977	5,594	—	30,537	—
1991**									
Soybean	285	29,210	5	29,500	22,900	6,350	—	29,250	172.50
Cottonseed	94	1,775	5	1,874	1,774	25	—	1,799	142.50
Linseed	N/A	N/A	3	—	N/A	20	—	—	132.50
Peanut	3	220	—	223	165	50	—	215	156.20
Sunflower	5	445	15	465	450	10	—	460	75.00
Total	387	31,650	28	32,062	25,289	6,455	—	31,724	—

*Stocks at processing mills. †Soybean meal, 44% protein, bulk Decatur. Cottonseed meal, 41% protein, bulk Memphis. Peanut Meal, 50% protein, southeast milling points. ◊Less than 500 tons. **Forecast.
Source: Official Statistics; USDA, Agriculture, Stabilization & Conservation Service, Analysis Division.

WORLD MAJOR PROTEIN MEALS:
SUPPLY & UTILIZATION (Million Metric Tons)

	1987-88	1988-89	1989-90	1990-91*	1991-92†
PRODUCTION					
Soybean	67.55	63.90	69.77	69.77	71.46
Cottonseed	11.57	11.96	11.20	12.36	13.53
Rapeseed	12.73	12.47	12.70	14.37	15.59
Sunflowerseed	8.21	7.91	8.64	8.99	8.16
Fish	6.79	6.80	6.27	6.29	6.23
Peanut	4.45	5.26	4.85	4.85	4.91
Copra	1.56	1.51	1.72	1.64	1.57
Linseed	1.13	0.96	1.03	0.97	0.96
Palm Kernel	1.43	1.45	1.75	1.73	1.81
Total	115.42	112.22	117.93	120.96	124.23
EXPORTS					
Soybean	24.56	24.98	26.01	26.77	26.95
Cottonseed	1.11	1.35	1.29	1.27	1.63
Rapeseed	1.89	2.53	2.61	2.61	2.84
Sunflowerseed	1.62	1.91	2.00	2.18	2.00
Fish	3.22	3.72	3.27	3.26	3.25
Peanut	0.69	0.84	0.86	0.64	0.69
Copra	1.05	0.90	1.21	1.13	1.08
Linseed	0.55	0.47	0.51	0.49	0.42
Palm Kernel	1.07	1.20	1.32	1.48	1.52
Total	35.76	37.90	39.08	39.82	40.37
IMPORTS					
Soybean	25.31	26.36	25.93	27.64	27.29
Cottonseed	1.06	1.36	1.10	1.25	1.30
Rapeseed	1.98	2.39	2.36	2.56	2.67
Sunflowerseed	1.75	1.87	2.01	1.90	1.79
Fish	3.22	3.64	3.70	3.78	3.55
Peanut	0.75	0.87	0.79	0.82	0.80
Copra	1.10	0.89	1.00	1.07	1.12
Linseed	0.67	0.53	0.60	0.61	0.60
Palm Kernel	1.22	1.25	1.40	1.40	1.42
Total	37.06	39.16	38.89	41.03	40.53
CONSUMPTION					
Soybean	67.66	65.77	68.78	71.03	72.24
Cottonseed	11.51	11.90	11.03	12.29	13.23
Rapeseed	12.67	12.44	12.36	14.42	15.47
Sunflowerseed	8.38	7.80	8.65	8.71	7.98
Fish	6.50	6.94	6.82	6.73	6.57
Peanut	4.54	5.31	4.76	5.02	5.02
Copra	1.60	1.43	1.53	1.60	1.63
Linseed	1.26	1.02	1.12	1.09	1.15
Palm Kernel	1.54	1.51	1.69	1.72	1.74
Total	115.65	114.13	116.74	122.60	125.03
ENDING STOCKS					
Soybean	3.72	3.22	4.14	3.74	3.30
Cottonseed	0.20	0.26	0.24	0.28	0.25
Rapeseed	0.51	0.40	0.49	0.39	0.34
Sunflowerseed	0.17	0.25	0.25	0.25	0.22
Fish	0.78	0.56	0.45	0.54	0.50
Peanut	0.07	0.05	0.06	0.07	0.07
Copra	0.05	0.11	0.10	0.08	0.06
Linseed	0.02	0.02	0.02	0.02	0.02
Palm Kernel	0.16	0.14	0.29	0.23	0.20
Total	5.67	5.01	6.03	5.59	4.95

Totals may not add due to rounding. *Prelim. †Est., Apr. 91/92. Source: Counselor and Attache Reports; Official Stats, USDA Est., Apr. '92, Fgn. Ag. Serv., Oilseeds and Prod. Div.

WORLD MAJOR OILSEEDS:
SUPPLY AND UTILIZATION (Million Metric Tons)

	1987-88	1988-89	1989-90	1990-91*	1991-92†
PRODUCTION					
Soybean	103.81	95.64	107.37	103.99	105.37
Cottonseed	32.07	33.18	30.83	33.53	36.59
Peanut	20.98	23.28	22.06	22.27	22.67
Sunflowerseed	20.92	20.36	21.89	22.55	20.75
Rapeseed	23.44	22.73	21.86	25.12	28.59
Flaxseed	2.27	1.67	1.84	2.27	2.10
Copra	4.39	4.34	4.90	4.69	4.57
Palm Kernel	2.68	2.94	3.33	3.32	3.49
Total	210.57	204.15	214.08	217.74	224.13
EXPORTS					
Soybean	30.10	23.54	27.38	25.05	26.79
Cottonseed	0.32	0.26	0.33	0.33	0.40
Peanut	1.30	1.11	1.30	1.35	1.31
Sunflowerseed	2.22	1.85	1.84	1.86	1.80
Rapeseed	4.52	4.24	4.21	4.25	4.58
Flaxseed	0.69	0.52	0.52	0.58	0.61
Copra	0.25	0.30	0.30	0.29	0.29
Palm Kernel	0.12	0.16	0.08	0.05	0.06
Total	39.52	31.99	35.96	33.76	35.84
IMPORTS					
Soybean	29.11	23.73	26.74	26.17	27.78
Cottonseed	0.33	0.27	0.38	0.36	0.38
Peanut	1.25	1.22	1.34	1.34	1.37
Sunflowerseed	2.14	1.80	1.87	1.81	1.84
Rapeseed	4.35	4.47	4.56	4.55	4.43
Flaxseed	0.64	0.52	0.64	0.55	0.55
Copra	0.28	0.28	0.30	0.28	0.25
Palm Kernel	0.10	0.10	0.07	0.07	0.06
Total	38.18	32.39	35.89	35.13	36.65
CRUSH					
Soybean	85.16	81.08	87.62	88.10	90.53
Cottonseed	24.52	25.61	23.73	25.94	28.78
Peanut	10.92	12.90	11.92	11.96	12.08
Sunflowerseed	18.02	17.70	19.26	19.62	17.85
Rapeseed	21.03	20.59	20.90	23.71	25.57
Flaxseed	1.78	1.52	1.61	1.52	1.51
Copra	4.37	4.19	4.83	4.64	4.45
Palm Kernel	2.69	2.78	3.33	3.31	3.45
Total	168.48	166.37	173.20	178.80	184.21
ENDING STOCKS					
Soybean	19.78	17.78	20.18	20.17	19.31
Cottonseed	0.55	0.75	0.45	0.71	1.05
Peanut	0.71	0.59	0.49	0.47	0.72
Sunflowerseed	1.00	0.77	0.50	0.49	0.68
Rapeseed	1.25	1.74	1.27	0.81	1.33
Flaxseed	0.52	0.23	0.08	0.41	0.41
Copra	0.14	0.16	0.14	0.10	0.11
Palm Kernel	0.10	0.18	0.14	0.12	0.13
Total	24.04	22.20	23.24	23.28	23.73

Note: Totals may not add due to rounding. *Prelim. †Est., Apr. 91/92. Source: Counselor and Attache Reports; Official Statistics USDA Estimates; USDA, Foreign Ag. Service, Oilseeds and Products Div.

WORLD MAJOR VEGETABLE AND MARINE OILS: SUPPLY AND UTILIZATION

(Million Metric Tons)

	1987-88	1988-89	1989-90	1990-91*	1991-92†
PRODUCTION					
Soybean	15.24	14.56	15.95	15.94	16.44
Palm	8.35	9.56	10.91	11.22	11.69
Sunflowerseed	7.28	7.19	7.86	7.93	7.37
Rapeseed	7.76	7.66	7.75	8.67	9.37
Cottonseed	3.59	3.80	3.45	3.83	4.23
Peanut	3.11	3.69	3.43	3.41	3.45
Coconut	2.69	2.60	3.00	2.89	2.77
Olive	1.90	1.50	1.78	1.57	1.76
Fish	1.54	1.61	1.41	1.51	1.40
Palm Kernel	1.20	1.25	1.49	1.47	1.54
Linseed	0.62	0.52	0.55	0.51	0.52
Total	53.29	53.93	57.58	58.94	60.54
EXPORTS					
Soybean	3.77	3.71	3.94	3.59	3.85
Palm 1/	5.54	6.04	7.31	7.77	7.93
Sunflowerseed	2.15	2.28	2.33	2.30	2.20
Rapeseed	1.75	1.80	1.77	1.97	1.95
Cottonseed	0.39	0.36	0.34	0.27	0.35
Peanut	0.31	0.21	0.29	0.27	0.27
Coconut	1.38	1.20	1.55	1.42	1.36
Olive	0.46	0.54	0.53	0.65	0.53
Fish	0.76	1.11	0.82	0.84	0.76
Palm Kernel	0.74	0.85	0.92	0.91	0.95
Linseed	0.22	0.17	0.22	0.20	0.18
Total	17.47	18.28	20.02	20.18	20.33
IMPORTS					
Soybean	3.62	3.60	3.89	3.68	3.62
Palm 1/	5.61	6.17	7.07	7.45	7.90
Sunflowerseed	2.10	2.10	2.24	2.31	2.29
Rapeseed	1.52	1.83	1.78	1.80	1.93
Cottonseed	0.41	0.33	0.27	0.24	0.27
Peanut	0.36	0.34	0.31	0.34	0.32
Coconut	1.37	1.25	1.54	1.44	1.33
Olive	0.50	0.57	0.61	0.68	0.63
Fish	0.75	0.91	0.75	0.77	0.74
Palm Kernel	0.78	0.84	0.84	0.85	0.86
Linseed	0.22	0.22	0.19	0.24	0.19
Total	17.23	18.15	19.50	19.81	20.07
CONSUMPTION					
Soybean	14.97	14.87	15.82	15.99	16.01
Palm	8.40	9.46	10.62	11.07	11.67
Sunflowerseed	7.22	6.94	7.72	7.97	7.59
Rapeseed	7.32	7.65	7.84	8.68	9.29
Cottonseed	3.60	3.75	3.41	3.78	4.14
Peanut	3.18	3.80	3.47	3.49	3.49
Coconut	2.68	2.70	2.92	2.84	2.85
Olive	1.76	1.77	1.83	1.83	1.81
Fish	1.48	1.39	1.39	1.44	1.40
Palm Kernel	1.25	1.26	1.32	1.45	1.48
Linseed	0.62	0.56	0.53	0.55	0.53
Total	52.49	54.14	56.86	59.07	60.26
ENDING STOCKS					
Soybean	2.14	1.72	1.80	1.84	2.04
Palm	1.39	1.62	1.67	1.50	1.49
Sunflowerseed	0.59	0.66	0.70	0.67	0.54
Rapeseed	0.64	0.67	0.58	0.41	0.47
Cottonseed	0.14	0.15	0.12	0.15	0.15
Peanut	0.04	0.06	0.05	0.05	0.06
Coconut	0.38	0.33	0.41	0.47	0.36
Olive	0.84	0.61	0.64	0.42	0.47
Fish	0.29	0.31	0.26	0.27	0.24
Palm Kernel	0.16	0.14	0.23	0.19	0.16
Linseed	0.03	0.04	0.04	0.04	0.04
Total	6.64	6.30	6.50	6.00	6.03

Note: Totals may not add due to rounding. *Prelim. †Est., Apr. 91/92. 1/ Palm oil trade excludes transhipments through Singapore. Source: Counselor and Attache Report; Official Statistics USDA Estimates; USDA, Foreign Ag. Service, Oilseeds and Products Division.

U.S. SOYBEAN OIL UTILIZATION

1960/61 - 1990/91 (Million Pounds)

Year Beginning October	Food					Nonfood					Total Domestic Utili-zation
	Short-ening	Margarine	Cooking and Salad Oils*	Other Edible	Total	Paint and Varnish	Resins and Plastics	Fatty Acids	Other Inedible†	Total	
1960/61	1,097	1,073	793	26	2,989	96	64	6	34	201	3,190
1965/66	1,739	1,241	1,200	38	4,218	100	104	—	59	263	4,481
1970/71	2,077	1,381	2,288	34	5,780	82	65	3	55	205	5,985
1975/76	2,416	1,691	3,274	24	7,405	94	66	23	24	207	7,612
1980/81	2,675	1,666	4,226	43	8,610	46	71	23	63	202	8,812
1981/82	2,990	1,723	4,367	51	9,131	39	94	22	49	203	9,334
1982/83	2,944	1,615	4,668	58	9,284	38	96	16	55	205	9,489
1983/84	3,207	1,494	4,442	102	9,245	39	110	21	61	231	9,476
1984/85	3,655	1,589	4,800	129	10,172	52	92	29	78	251	10,423
1985/86	3,440	1,735	4,686	138	10,004	45	100	27	80	252	10,256
1986/87	3,359	1,661	5,054	138	10,213	63	109	33	94	299	10,512
1987/88	3,627	1,629	5,043	130	10,429	54	106	D	75	285	10,714
1988/89	3,419	1,537	4,497	137	9,636	35	124	D	70	281	13,999
1989/90	3,934	1,754	4,726	124	10,537	38	112	D	D	272	10,809
1990/91	4,090	1,811	4,693	130	10,722	50	106	D	73	291	11,013

*Adjusted for exports of refined and further processed salad oil. Prior to January 1965 no adjustment made for exports of undeodorized hydrogenated oil. †Includes soap and miscellaneous. (D) Data withheld to avoid disclosing figures for individual companies. Source: FATS & OILS, PRODUCTION, CONSUMPTION & STOCKS MQ20K Report (91-01,02,03) Bureau of Census.

U.S. SOYBEAN OIL: SUPPLY, DISPOSITION AND PRICE

1960 - 1991

Year Beginning Oct. 1	Supply				Disappearance			Price Per Pound
	Production (Million Pounds)	Imports	Stocks October,1	TOTAL*	Exports (Million Pounds)	Domestic	TOTAL	(Tank Cars) Crude, Decatur (Cents)
1960	4,420	—	308	5,456	700 †	3,329	4,029	11.3
1965	5,800	—	297	6,097	923	4,687	5,635	11.8
1970	8,265	—	543	8,808	1,742	6,292	8,035	12.8
1975	9,630	—	561	10,191	976	7,906	8,940	18.3
1980	11,270	—	1,210	12,480	1,631	9,113	10,744	22.7
1981	10,979	—	1,736	12,715	2,077	9,535	11,612	19.0
1982	12,040	—	1,103	13,143	2,025	9,857	11,882	20.6
1983	10,872	—	1,261	12,133	1,824	9,588	11,412	30.6
1984	11,468	20	721	12,209	1,660	9,917	11,577	29.5
1985	11,617	8	632	12,257	1,257	10,053	11,310	18.0
1986	12,783	15	947	13,745	1,187	10,833	12,020	15.4
1987	12,974	196	1,725	14,895	1,873	10,930	12,803	22.6
1988	11,737	138	2,092	13,967	1,661	10,591	12,252	21.1
1989	13,004	8	1,715	14,741	1,353	12,083	13,436	22.3
1990	13,408	23	1,305	14,730	780	12,164	12,944	21.0
1991◊	14,005	5	1,785	15,800	1,350	12,250	13,600	18.10-20.5

†Includes estimates of fgn. donations of fats and oils, not reported by census, 1960-64. *Totals include imports as of 84/85. ◊Forecast. Source: Official Statistics; OIL CROPS SITUATION & OUTLOOK REPORT (Apr. 92), USDA, E.R.S.

U.S. EDIBLE FATS AND OILS: SUPPLY AND DISAPPEARANCE
1984 - 1991 (Million Pounds)

	1984	1985	1986	1987	1988	1989	1990*	1991◊
Stocks October 1								
Coconut	111	130	308	271	333	152	279	243
Corn	70	74	121	109	111	99	127	140
Cottonseed	50	107	85	90	160	147	80	136
Lard	30	41	22	29	39	42	23	24
Palm	51	53	74	40	59	37	29	55
Palm kernel	23	42	71	86	82	86	110	100
Peanut 1/	32	18	62	49	24	38	24	25
Soybean	721	632	947	1,725	2,092	1,715	1,305	1,765
Sunflower	13	66	55	112	157	82	37	47
Canola	0	0	0	4	29	19	24	46
Tallow, edible	28	62	41	35	57	36	33	41
Imports								
Coconut	890	1,217	1,087	1,073	778	1,038	925	880
Cottonseed	0	0	11	25	0	13	3	5
Palm	372	611	474	362	298	249	284	310
Palm kernel	304	361	397	463	384	370	320	365
Peanut	2	1	2	33	2	5	10	2
Canola	0	0	0	273	430	344	592	698
Soybean	20	10	15	196	138	22	17	10
Sunflowerseed	0	0	0	4	0	5	33	11
Production								
Corn	1,194	1,253	1,400	1,435	1,415	1,470	1,656	1,725
Cottonseed	1,175	1,070	781	1,204	1,243	1,039	1,156	1,285
Lard	940	899	853	916	940	910	915	950
Peanut	187	257	152	168	250	193	213	343
Canola	0	0	0	14	54	130	12	27
Soybean	11,448	11,607	12,783	12,974	11,737	13,004	13,408	13,955
Sunflower	482	584	587	831	518	474	516	792
Tallow, edible	1,570	1,625	1,278	1,300	1,201	1,193	1,202	1,185
Exports								
Coconut	20	22	48	77	55	44	55	45
Corn 2/	260	344	268	368	354	414	496	525
Cottonseed	433	442	214	409	406	354	249	325
Lard 2/	102	108	103	119	126	83	107	105
Palm	0	0	0	0	4	2	4	4
Palm kernel	0	0	0	0	4	4	4	4
Peanut	29	93	6	7	11	19	25	60
Canola	0	0	0	0	8	6	7	7
Soybean	1,660	1,257	1,187	1,873	1,661	1,353	780	1,180
Sunflower	287	452	343	703	467	350	359	496
Tallow, edible 2/	80	44	41	94	240	321	256	232
Domestic disappearance								
Coconut	815	1,017	1,076	934	904	865	906	880
Corn	930	863	1,143	1,065	1,073	1,028	1,147	1,210
Cottonseed	684	650	573	750	850	765	854	940
Lard	828	810	744	787	811	846	807	835
Palm	370	590	507	342	315	254	254	305
Palm kernel	278	332	381	467	375	342	326	370
Peanut	173	121	161	219	227	193	197	250
Canola	0	0	0	263	486	462	526	705
Soybean	9,917	10,055	10,833	10,930	10,591	12,083	12,185	12,300
Sunflower	143	143	186	88	126	174	180	275
Tallow, edible	1,456	1,595	1,243	1,184	980	875	938	960

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*Prelim & est. ◊ERS & WAOB forecast. 1/Aug.-July yr. beg. 1981. 2/Exports = exports net of imports. Source: Compiled from reports by the census bureau. Oil Crops Situation & Outlook Report (Jan. 92), USDA, ERS.

U.S. SOYBEAN EXPORTS BY MONTH

(MILLION BUSHELS)

1953/54 - 1991/92

Year Beg. Sept.1	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	TOTAL
1953-54	1.1	5.8	10.1	7.7	3.7	2.5	1.7	3.2	1.6	1.0	1.0	0.7	40.1
1955-56	4.0	8.8	13.2	12.7	6.8	2.6	1.9	5.1	4.3	3.7	3.7	1.7	68.5
1960-61	8.2	14.1	22.7	20.6	9.1	10.2	8.5	7.7	11.4	7.7	7.7	7.0	134.9
1965-66	4.8	32.3	39.4	31.4	19.6	17.1	21.6	20.2	21.5	19.6	12.1	11.1	250.7
1970-71	29.9	44.0	45.3	46.9	35.1	33.0	35.1	32.8	30.2	34.9	34.4	31.3	432.9
1975-76	24.3	62.7	61.5	49.6	51.8	52.2	52.3	50.5	49.5	47.2	29.2	24.3	555.1
1976-77	22.2	60.1	67.4	56.7	50.9	59.9	58.4	57.0	55.1	31.0	27.2	18.1	564.0
1977-78	15.0	77.6	87.7	57.0	52.6	54.4	66.6	72.7	79.3	63.4	34.7	39.3	700.3
1978-79	38.0	87.5	101.7	70.6	77.0	53.2	83.6	67.8	47.0	41.0	32.7	39.7	739.8
1979-80	40.8	88.8	118.1	78.3	85.8	73.0	69.3	81.3	74.2	58.7	49.1	57.7	875.1
1980-81	41.4	60.3	75.0	74.5	71.7	55.5	103.2	60.0	69.6	41.8	29.6	41.8	724.4
1981-82	50.9	100.8	103.7	73.6	84.3	89.4	79.0	85.7	90.6	59.8	53.8	57.5	929.1
1982-83	58.0	94.4	93.6	90.1	86.3	87.2	84.4	73.3	58.5	67.7	51.6	60.2	905.3
1983-84	53.9	67.6	69.2	74.5	80.4	79.7	78.8	68.5	56.8	41.1	39.2	30.7	740.4
1984-85	19.0	40.9	93.5	84.8	70.3	72.6	59.8	60.4	33.1	18.2	19.2	26.3	598.1
1985-86	31.5	55.3	79.6	94.1	84.7	92.1	88.7	80.4	57.2	28.7	26.6	21.0	739.9
1986-87	30.2	89.7	96.6	89.0	71.6	73.8	67.8	54.0	37.5	38.0	54.2	54.5	756.9
1987-88	59.4	101.1	100.4	81.1	80.8	97.0	78.5	66.7	39.7	29.3	30.4	37.2	801.6
1988-89	26.8	50.2	61.2	69.2	66.6	56.8	67.9	41.3	23.6	31.6	16.7	18.5	530.4
1989-90	17.8	74.0	76.6	65.7	76.2	74.9	87.3	43.5	22.8	35.1	20.7	28.2	626.3
1990-91	27.8	29.7	62.7	55.8	58.9	67.1	65.8	42.8	39.1	36.5	40.8	33.0	560.2
1991-92	26.8	50.4	89.9	95.6	15.0◊	6.0◊							

◊ Preliminary. Figures may be adjusted in the future. Source: Official Statistics; USDA, Economic Research Service.

BRAZILIAN EXPORTS SOYBEANS AND PRODUCTS TO MAJOR COUNTRIES

(Thousand Metric Tons)

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Soybeans											
European Community◊	185	18	416	656	2,262	1,001	2,354	1,992	4,304	3,766	2,229
Other Western Europe	530	27	536	529	709	5	49	53	98	35	4
Eastern Europe*	497	255	128	0	72	56	286	10	47	80	10
Central & So. America	224	187	121	354	78	10	5	4	0	0	7
Other	14	14	94	22	371	128	330	538	1,037	859	156
Total	1,450	501	1,295	1,561	3,492	1,200	3,024	2,597	5,486	4,740	2,406
Soybean Meal											
European Community◊	5,285	4,347	4,711	4,141	6,283	5,260	3,952	5,689	7,093	7,257	6,244
Other Western Europe	67	86	364	564	785	8	0	12	7	0	0
Asia	911	891	777	455	290	409	121	58	107	76	0
Eastern Europe†	2,482	2,306	2,482	2,322	1,090	1,192	2,933	1,782	1,638	1,120	987
Other	144	170	162	116	152	94	796	588	774	303	331
Total	8,889	7,800	8,496	7,598	8,600	6,963	7,802	8,129	9,619	8,756	7,562
Soybean Oil											
Bangladesh	7	0	0	3	3	13	14	15	62	42	80
Chile	18	18	54	70	66	2	2	3	2	1	0
Colombia	39	11	22	3	0	0	0	0	0	0	0
India	561	320	468	397	311	99	254	59	0	2	0
Iran	228	257	248	188	200	94	319	189	221	164	96
Morocco	12	36	19	10	16	3	11	6	21	6	0
Netherlands	55	10	64	27	31	9	22	54	—	16	2
Pakistan	53	32	37	50	0	—	9	0	0	0	88
People's Rep. of China	24	25	0	0	0	89	149	96	267	0	0
Peru	21	9	0	2	—	0	0	0	0	0	0
Tunisia	—	0	0	4	8	0	0	0	0	0	0
Turkey	0	3	6	0	8	7	7	3	5	8	26
USSR	75	74	54	73	153	20	60	2	53	53	0
Other	188	54	99	101	158	60	142	252	188	466	221
Total	1,281	849	1,071	928	954	396	989	679	819	758	513

◊As of 1989 all of Germany's figures are included in the EC. *Includes soybean exports to the Soviet Union. †Includes soybean meal exports to the Soviet Union. — Less than 500 MT. Source: Official Stats; USDA Fgn. Ag. Service, Oilseeds and Products Div.

U.S. EXPORTS: SOYBEANS

Volume of Exports by Country of Destination (in Metric Tons) and Total Value

Country or Region of Destination	1987	1988	1989	1990	1991*
North America:					
Canada	195,927	105,248	144,823	283,451	153,148
Mexico	1,042,633	1,215,887	974,076	842,002	1,481,433
Other	221,161	154,596	299,961	267,154	321,142
Total	1,459,721	1,475,731	1,418,860	1,392,607	1,955,723
South America:					
Brazil	450,198	31,501	62,999	0	30,900
Colombia	198,574	196,056	49,196	0	0
Equador	0	0	77	0	7,162
Peru	5,250	21,011	0	0	0
Venezuela	235,034	124,977	74,194	71,154	116,580
Other	0	5,085	18	18	0
Total	889,056	378,630	186,484	71,172	154,642
Europe & USSR:					
Belgium & Luxembourg	886,196	583,580	638,300	463,061	518,647
Czechoslovakia	0	0	0	0	0
Denmark	55,076	44,638	52,940	42,694	46,658
France	421,308	226,716	165,261	133,843	110,685
Germany, Fed. Rep. of	1,438,472	1,014,662	698,633	843,246	751,420
Germany, Dem. R.	0	0	0	0	0
Greece	215,722	226,610	146,870	308,083	217,063
Ireland	4,010	0	0	0	0
Italy	396,230	115,658	199,290	183,736	120,012
Netherlands	3,971,006	3,439,720	2,584,308	2,322,416	2,650,110
Norway	202,742	148,831	149,378	152,690	177,924
Poland	0	0	0	0	0
Portugal	611,395	356,856	314,916	369,723	349,640
Romania	407,916	237,923	0	356,794	124,656
USSR	221,334	750,276	296,576	274,432	741,776
Spain	1,724,804	1,153,273	1,350,229	1,295,443	1,457,958
Switzerland	4,762	2,098	18,623	324	204
United Kingdom	390,090	509,729	286,269	410,420	371,947
Yugoslavia	139,305	194,652	75,544	105,436	57,241
Other	45,117	85,570	35,092	22,932	189
Total	11,135,485	9,090,792	7,012,232	7,285,273	7,696,130
Middle East:	459,354	458,526	318,236	366,498	472,103
Africa	91,267	67,671	51,469	24,785	14,596
Asia					
China:					
P.R.C.	429,123	0	0	0	0
Taiwan	1,871,800	1,794,231	1,683,382	1,715,992	2,022,532
India	0	25,000	0	996	0
Indonesia	125,888	207,650	140,027	60,295	113,564
Japan	3,928,901	3,707,693	3,284,651	3,475,486	3,811,817
Korea, Rep. of	1,139,543	1,012,575	828,457	825,696	1,058,732
Pakistan	0	0	0	0	0
Other	30,659	47,439	104,487	73,415	144,694
Total	7,525,914	6,794,588	6,041,004	6,151,880	7,151,339
Australia & Oceania:	31,645	62,971	14,694	66,691	86,386
Other Unidentified:	0	0	0	0	0
GRAND TOTAL†	21,592,442	18,328,909	15,042,979	15,358,906	17,530,919
VALUE OF EXPORTS; Total (Mil. $)	4,378	4,920	3,942	3,551	3,957

*Prelim. †Includes Canadian transshipments. Source: Census Bureau; Foreign Ag. Trade of the U.S., by the Commodity & Trade Analysis Branch, E.R.S., Commodity Economics Div.

U.S. SOYBEAN EXPORTS BY PORT AND COUNTRY OF DESTINATION

January 1991 - December 1991 (1,000 Bushels)

Country	St. Lawrence Seaway	Lakes	Atlantic	Gulf	Pacific	Interior	TOTAL
Australia	—	—	—	3,154	—	—	3,154
Belgium	—	—	—	16,690	—	—	16,690
Brazil	—	—	—	1,135	—	—	1,135
Bulgaria	—	—	—	—	—	—	0
China (Taiwan)	—	—	—	47,974	28,358	—	76,332
Columbia	—	—	—	—	—	—	0
Costa Rica	—	—	—	3,155	—	—	3,155
Denmark	—	340	—	1,486	—	—	1,826
Dominican Republic	—	—	—	1,100	—	—	1,100
Ecuador	—	—	—	263	—	—	263
Egypt	—	—	—	—	—	—	0
France	—	594	—	2,678	—	—	3,272
Germany	—	910	—	27,503	—	—	28,413
Greece	—	—	1,594	4,847	—	—	6,441
Honduras	—	—	—	520	—	—	520
Indonesia	—	—	—	5,752	—	—	5,752
Israel	308	—	—	15,434	—	—	15,742
Italy	—	277	2,470	1,788	—	—	4,535
Jamaica	—	—	—	2,426	—	—	2,426
Japan	—	649	13,437	121,981	2,715	70	138,852
Korea (Republic of, S)	—	—	—	35,373	4,282	—	39,655
Kuwait	—	—	—	—	—	—	0
Malaysia	—	—	—	—	2,192	—	2,192
Mexico	—	—	772	20,790	—	34,451	56,013
Morocco	—	—	—	497	—	—	497
Netherlands	—	3,167	—	93,497	—	—	96,664
Norway	—	—	—	6,538	—	—	6,538
Panama	—	—	—	21	—	—	21
Philippines	—	—	—	349	1,122	—	1,471
Portugal	—	3,785	2,274	5,831	—	—	11,890
Romania	—	—	—	4,581	—	—	4,581
Singapore	—	—	—	—	—	—	0
Spain	—	1,052	16,924	36,222	—	—	54,198
Trinidad	—	—	—	4,355	—	—	4,355
Turkey	—	—	—	—	—	—	0
United Kingdom	—	2,344	—	11,670	—	—	14,014
U.S.S.R.	—	—	—	30,686	—	—	30,686
Venezuela	—	—	—	4,283	—	—	4,283
Yugoslavia	—	—	—	2,104	—	—	2,104
Totals:							
Jan. 91-Dec. 91	308	13,118	37,471	514,683	38,669	34,521	638,770
Jan. 90-Dec. 90	565	8,633	47,452	449,937	38,508	19,540	564,635
Jan. 89-Dec. 89	5,510	17,441	41,746	435,167	41,623	22,160	563,647
Sep. 87-Aug. 88	0	34,928	34,756	675,014	31,640	21,990	798,328
Sep. 86-Aug. 87	4,574	37,194	23,039	658,916	18,248	23,361	765,332
Sep. 85-Aug. 86	4,757	20,980	63,212	613,808	18,807	16,699	738,263
*Shipments to Canada	0	0	0	0	0	0	309

*Not included in total. Grain shipped for storage in Canada is reported at time of shipment from St. Lawrence Seaway ports. Source: LIVESTOCK & GRAIN MARKET NEWS (Feb. 1992), USDA, Agriculture Marketing Service, Livestock & Seed Div.

U.S. EXPORTS: SOYBEAN OILSEED CAKE & MEAL†

Volume of Exports by Country of Destination
(in Metric Tons) and Total Value

Country or Region of Destination	1987	1988	1989	1990	1991*
North America:					
Canada	745,621	706,539	571,214	555,303	650,649
Mexico	50,561	332,299	269,452	253,407	307,591
Other	263,284	298,268	237,070	300,234	369,642
Total	1,059,466	1,337,106	1,077,736	1,108,944	1,327,382
South America:					
Brazil	0	0	0	0	0
Colombia	0	10,456	0	0	0
Equador	0	0	0	0	0
Peru	63,655	58,110	0	30,893	2,100
Venezuela	695,475	851,346	283,783	331,710	405,885
Other	3,263	240	560	1,157	23,156
Total	762,393	920,152	284,343	363,760	431,141
Europe & USSR:					
Belgium & Luxembourg	44,128	0	0	0	0
Czechoslovakia	0	0	0	0	0
Denmark	5,124	0	0	7,076	0
France	40,985	23,845	0	0	230
Germany, Fed. Rep. of	711,206	169,420	0	0	0
Germany, Dem. R.	26,249	0	0	0	0
Greece	19,131	0	41,721	6,150	3,540
Ireland	28,221	29,563	5,696	7,510	7,523
Italy	726,768	543,572	174,435	112,810	20,560
Netherlands	764,009	508,523	113,589	25,172	13,642
Norway	0	0	0	0	0
Poland	26,907	0	0	48,500	0
Portugal	35,167	14,269	0	9,445	0
Romania	10,997	19,800	0	0	0
USSR	270,881	1,121,971	1,417,887	1,568,409	2,322,016
Spain	98,311	71,193	44,187	6,895	19
Switzerland	0	0	0	0	0
United Kingdom	83,556	29,633	20,569	31,890	29,557
Yugoslavia	96,996	93,229	33,293	41,009	0
Other	71,923	32,709	0	13,535	0
Total	3,060,559	2,657,727	1,851,377	1,878,401	2,397,087
Middle East:	438,458	548,674	547,317	409,751	347,566
Africa	394,112	629,370	564,682	567,733	442,097
Asia					
China:					
P.R.C.	3,456	0	26,248	0	0
Taiwan	0	84	83,407	153	0
India	0	0	0	0	0
Indonesia	0	0	0	0	0
Japan	21,109	32,986	10,845	20,804	24,131
Korea, Rep. of	48,193	0	0	0	0
Pakistan	0	1,067	3,998	0	0
Other	96,265	110,567	59,071	203,203	150,509
Total	169,023	144,704	183,569	224,160	174,640
Australia & Oceania:	37,191	44,674	20,221	46,837	133,583
GRAND TOTAL	5,921,202	6,282,407	4,529,245	4,599,586	5,253,996
VALUE OF EXPORTS;					
Total (Mil. $)	1,211	1,580	1,181	992	1,137

†Includes soybean flour and meal. *Prelim. Source: Census Bureau; Fgn. Ag. Trade of the U.S., Commodity & Trade Analysis Branch, E.R.S., Commodity Economics Div.

U.S. EXPORTS: SOYBEAN OIL†

Volume of Exports by Country of Destination
(in Metric Tons) and Total Value

Country or Region of Destination	1987	1988	1989	1990	1991*
North America:					
Canada	6,095	6,741	6,117	4,291	7,025
Mexico	20,756	16,402	14,058	2,657	19,295
Other	84,418	37,844	63,058	24,205	63,565
Total	111,269	60,987	83,233	31,153	89,885
South America:					
Brazil	0	0	179	0	255
Colombia	373	10	204	395	2,991
Equador	18,868	29,835	30,557	21,647	13,793
Peru	909	2,491	1,820	6,146	10,848
Venezuela	15,121	5,702	33,252	2,999	0
Other	2,791	2,514	1,357	666	1,317
Total	38,062	40,552	67,369	31,853	29,204
Europe & USSR:					
Belgium & Luxembourg	0	0	0	0	0
Czechoslovakia	0	0	0	0	0
Denmark	2	0	0	0	0
France	168	84	0	0	0
Germany, Fed. Rep. of	178	719	34	0	6
Germany, Dem. R.	0	0	0	0	0
Greece	0	0	0	0	0
Ireland	0	0	0	2	0
Italy	0	18	104	0	0
Netherlands	1,490	3	1,030	0	27
Norway	0	41	0	3	0
Poland	1,230	0	0	0	0
Portugal	0	0	0	0	0
Romania	0	0	0	0	0
USSR	0	0	0	0	0
Spain	32	0	0	148	0
Switzerland	0	0	0	0	0
United Kingdom	71	469	0	0	133
Yugoslavia	0	0	0	0	0
Other	12	28	10	18	273
Total	3,183	1,362	1,178	171	439
Middle East:	6,406	17,556	2,799	7,104	48,174
Africa	139,997	157,406	184,589	104,695	224,213
Asia					
China:					
P.R.C.	0	0	0	0	1,176
Taiwan	20	44	75	0	15
India	59,340	147,987	18,000	16,626	16,601
Indonesia	134	123	64	67	147
Japan	924	465	595	349	168
Korea, Rep. of	21	25	56	5	364
Pakistan	236,675	425,350	337,128	329,926	25,199
Other	33,725	23,587	5,284	13,504	7,169
Total	330,839	597,581	361,202	360,477	50,839
Australia & Oceania:	209	48	72	9	17
GRAND TOTAL	629,965	875,492	700,442	535,462	442,771
VALUE OF EXPORTS;					
Total (Mil. $)	263	477	359	313	222

†Crude and refined oil combined as such, excluding partially hydrogenated soybean salad oil. Includes shipments under P.L. 480 as reported by census. *Prelim. Source: Census Bureau; Fgn. Ag. Trade of the U.S., by the Commodity & Trade Analysis Branch, USDA, E.R.S., Commodity Econs. Div.

U.S. EXPORTS: SOYBEAN OIL

P.L. 480, Title I and III
Volume (in Metric Tons) and Value (in $1,000) By Country of Destination

Country	FY 1987		FY 1988		FY 1989		FY 1990		FY 1991	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
Bangladesh	27,700	$10,000	17,200	$10,000	—	—	8,600	$5,000	—	—
Costa Rica	—	—	—	—	—	—	—	—	—	—
Dominican Rep.	57,700	20,100	—	—	12,000	5,400	31,800	14,600	—	—
Egypt	—	—	—	—	34,300	17,000	—	—	—	—
El Salvador	3,500	1,700	—	—	20,900	11,000	18,200	11,000	12,000	6,800
Ghana	—	—	—	—	4,800	3,500	—	—	—	—
Guatemala	6,800	2,500	—	—	—	—	—	—	—	—
Guinea	—	—	—	—	—	—	—	—	—	—
Guyana	1,100	700	—	—	—	—	—	—	—	—
Haiti	9,200	4,000	—	—	—	—	—	—	—	—
Jamaica	700	400	—	—	—	—	—	—	—	—
Madagascar	12,400	6,000	—	—	—	—	—	—	—	—
Maldives	—	—	—	—	—	—	—	—	—	—
Morocco	56,800	21,000	27,000	16,000	46,200	25,000	40,000	23,000	37,500	16,700
Pakistan	137,600	50,000	137,800	80,000	156,300	80,000	134,500	80,000	—	—
Peru	—	—	—	—	—	—	—	—	—	—
Somalia	—	—	—	—	—	—	—	—	—	—
Tunisia	—	—	—	—	—	—	—	—	—	—
Zambia	—	—	6,800	4,000	7,900	4,000	8,200	4,000	—	—
Total	313,500	$116,400	188,800	$110,000	282,400	$145,900	241,300	$137,600	49,500	$23,500

Source: Bureau of the Census; U.S. Department of Agriculture, Foreign Agricultural Service, Oilseeds and Products Division.

U.S. EXPORTS SOYBEAN and COTTONSEED OILS

U.S. Commercial and P.L. 480 Exports
1950 - 1990 (Million Pounds)

Year Beg. Oct.	Commercial				P.L. 480			GRAND TOTAL	% P.L. 480
	Barter	CCC Credit	Other†	Total	Title I*	Title II*	Total		
SOYBEAN OIL									
1950	—	—	490	490	—	—	—	490	—
1955	—	—	274	274	282	—	282	556	51
1960	—	—	283	283	417	21	438	721	61
1965	176	21	182	379	324	220	544	923	59
1970	599	209	131	939	564	239	803	1,742	46
1975	—	—	779	779	182	15	197	976	20
1980	—	185	850	1,035	299	297	596	1,631	37
1985	—	231	546	777	253	227	480	1,257	29
1989	—	557	38	595	532	227	759	1,354	56
1990	—	299	107	406	109	266	375	781	48
COTTONSEED OIL									
1950	—	—	57	57	—	—	—	57	—
1955	3	—	306	309	290	6	296	605	49
1960	—	—	287	287	68	14	82	369	22
1965	51	—	154	205	65	2	67	272	25
1970	186	22	153	361	9	1	10	371	3
1975	—	—	507	507	—	—	—	507	—
1980	—	—	702	702	8	—	8	710	1
1985	—	—	395	395	47	—	47	442	11
1989	—	13	300	313	40	—	40	353	11
1990	—	—	249	249	—	—	—	249	—

†Includes dollar financing by AID. *Includes all sales programs, i.e., fgn. currencies, relief agencies and disaster and other relief by AID. Source: Total exports as reported by Census Bureau. Breakdown between dollars and P.L. 480 from USDA, Fgn. Ag. Service, Oilseeds and Products Div.

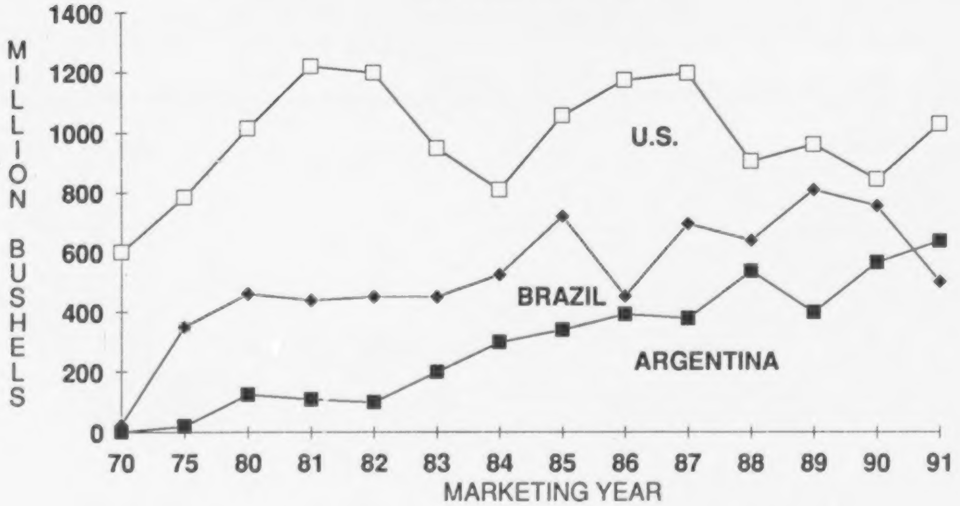
U.S. EXPORTS
SOYBEAN, COTTONSEED AND SUNFLOWERSEED OILS

U.S. Commercial and P.L. 480 Exports
Volume of Exports by Country of Destination and Total Value
(Year Beginning in October)

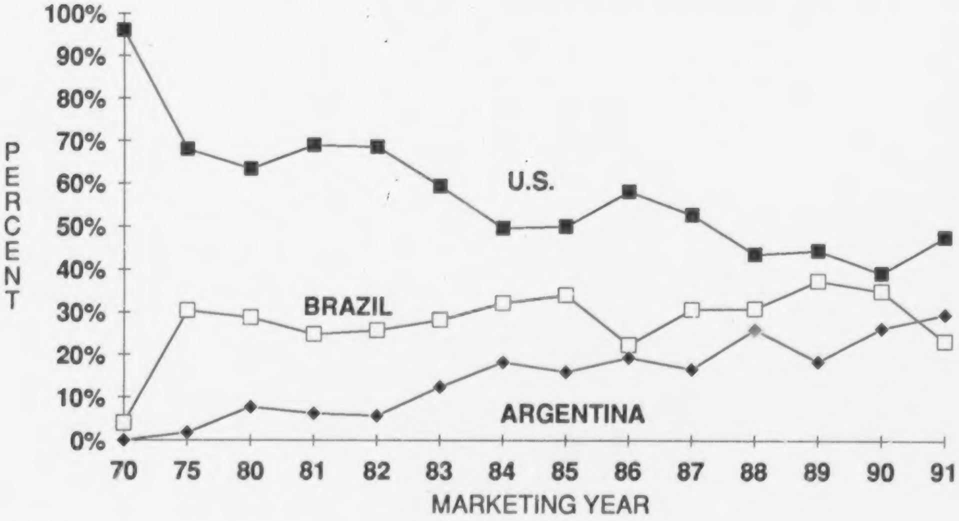
Country or Region of Destination	**1985-86**	**1986-87**	**1987-88**	**1988-89**	**1989-90**	**1990-91**
		(Thousand Metric Tons)				
North America:						
Canada	15	15	16	20	25	20
Mexico	190	50	56	63	27	19
Total	205	65	72	83	52	39
Caribbean:						
Haiti	9	15	3	3	2	5
Dominican Republic	18	54	39	15	38	8
Other	5	9	4	5	6	9
Total	32	78	46	23	46	22
Central America:						
Guatemala	21	33	12	12	2	4
El Salvador	32	18	34	25	30	13
Panama	3	3	4	7	3	8
Other	7	1	1	2	8	18
Total	63	55	51	46	43	43
South America:						
Columbia	9	2	—	—	2	3
Venezuela	115	109	79	100	39	4
Ecuador	31	22	19	31	26	22
Peru	9	1	1	3	5	7
Others	2	1	2	1	1	2
Total	166	135	101	135	73	38
European Community:	18	7	14	7	55	56
Other Western Europe:	4	1	30	6	—	—
East Europe & USSR:						
Poland	3	3	0	0	0	0
Soviet Union	0	0	0	0	0	0
Yugoslavia	9	—	0	0	0	0
Total	12	3	0	0	0	0
Middle East:	19	49	112	21	26	30
North Africa:						
Morocco	4	60	36	80	78	73
Algeria	—	0	71	54	35	56
Tunisia	0	0	62	12	48	31
Egypt	43	2	55	90	7	64
Total	47	62	224	236	168	224
Other Africa:	60	62	64	45	40	32
South Asia:						
India	38	47	172	28	16	14
Pakistan	275	147	397	453	310	66
Bangladesh	14	37	17	0	9	0
Other	5	—	0	0	0	0
Total	328	231	586	481	335	80
Other Asia:						
Thailand	4	1	0	—	4	3
Singapore	—	—	0	—	0	—
Philippines	3	6	7	4	2	3
China, P.R.C.	—	0	0	0	0	1
Korea	4	6	11	20	32	18
Japan	35	30	36	43	56	37
Other	—	—	—	—	0	1
Total	46	43	54	67	94	63
Australia & Oceania:	1	—	—	—	1	—
GRAND TOTAL	976	791	1,354	1,150	933	629
Total Soybean Oil Exports	570	538	850	753	614	354
P.L. 480 Title I	115	314	188	282	241	49
P.L. 480 Title II	103	65	83	113	103	121
Commercial, including CCC programs	352	159	579	356	270	184
Value of Soybean Oil Exports						
Total (Thousand $)	$291,755	$222,947	$436,813	$404,369	$339,002	$191,823
Per Pound (cents)	23	19	23	24	25	25
Total Cottonseed Oil Exports	201	98	185	184	160	113
P.L. 480 Title I	47	14	47	52	18	0
Value of Cottonseed Oil Exports						
Total (Thousand $)	$108,327	$47,204	$94,587	$93,573	$77,663	$55,255
Per Pound (cents)	24	22	23	23	22	22
Total Sunflowerseed Oil Exports	205	156	319	212	159	163
P.L. 480 Title I	7	4	64	3	0	0
Value of Sunflowerseed Oil Exports						
Total (Thousand $)	$109,552	$67,093	$145,914	$107,846	$85,637	$65,178
Per Pound (cents)	24	20	21	23	24	24

Note: Figures may not total due to rounding. (—) denotes less than 500 metric tons. All figures rounded to nearest 1,000 metric tons. Source: U.S. Bureau of Census, USDA Fgn. Ag. Service, Oilseeds and Products Div.

SOYBEAN & PRODUCT EXPORTS BY MAJOR COUNTRIES
(Soybean Equivalent)



SHARE OF WORLD SOYBEAN & PRODUCT EXPORTS



Notes/Calculations

Soya Reference

- **Soya Glossary** 210
- **Standards & Specifications**

NATIONAL OILSEED PROCESSORS ASSOCIATION (NOPA) TRADING RULES FOR THE PURCHASE AND SALE OF SOYBEAN MEAL, 1991-1992 213

NATIONAL OILSEED PROCESSORS ASSOCIATION (NOPA) TRADING RULES FOR THE PURCHASE AND SALE OF SOYBEAN OIL, 1991-1992 213

ASSOCIATION OF AMERICAN FEED CONTROL OFFICIALS, INC. (AAFCO) OFFICIAL AND TENTATIVE DEFINITIONS OF FEED INGREDIENTS 215

UNITED STATES DEPARTMENT OF AGRICULTURE UNITED STATES STANDARDS FOR SOYBEANS 216

- **Soya Technical Charts & Tables**

SOYA PROCESSING 219

SOYA PRODUCTS 220

MODERN SOYFOODS 221

TRADITIONAL SOYFOODS 222

SOYFOODS — COMPOSITION AND NUTRIENT CONTENT 223

Soya Glossary

Terms Commonly Associated with Soybean Products or Processing

Acidulated Soybean Soapstock: The product that results from the complete acidulation of soybean soapstock. Contract grade should contain not less than 85% total fatty acid.

Activated Earth: Bleaching earth that has been treated with acid to increase its capacity for pigment adsorption from soybean oil.

Amino Acids: Chief components and determinants of the characteristics of a protein; the building blocks of living tissues. Eighteen different amino acids commonly occur in our food supply and eight are considered essential because the body cannot make them.

Bleaching Earth: Mined special earths or clays that when added to hot soybean oil, at about 1%, have the ability to adsorb unwanted pigments.

Bleaching: The process for removing pigments and thereby lightening the color of soybean oil; makes use of a natural earth adsorption process followed by filtration.

Bowman-Birk Trypsin Inhibitor: A class of soybean trypsin inhibitors that have low molecular weight, many disulfide links, and great stability to denaturation.

Break Material: Flocculent material (precipitate) that appears in and can be separated from crude soy oil that has been rapidly heated to temperatures between 250°C and 300°C (482°F and 572°F). It is very high in ash content, rich in phosphorus, calcium and magnesium. It is presumed to be derived from phospholipids which are thermally decomposed at these high temperatures. Break material is sometimes referred to as "foots".

Cold Pressed Soy Oil: Soy oil produced from undamaged, mature, cleaned yellow soybeans by mechanical processing without application of heat, and then filtered.

Cotyledon: One of the two halves of the soybean seed; the cotyledons develop into the first two leaves of the young plant.

Cracking: The breaking of the whole soybean into several pieces to facilitate dehulling and flaking.

Crude Soy Oil: Sometimes referred to as crude raw soybean oil; the unrefined oil produced by any one of the procedures described for the extraction of oil from soybeans. It is customary to filter the oil and/or allow it to settle after being processed from the soybeans as required by the standard trade specifications. Crude soy oil is a mixture of triglycerides composed of unsaturated fatty acids (oleic, linoleic, linolenic) and saturated fatty acids, together with usually not more than 1.5% of free fatty acids and from 1.8% to 3.2% of phospholipids, depending on the quality and kind of soybeans and the procedure used in processing.

Defatted Soy Flour: Flour produced by the nearly complete removal of the oil from soybeans by the use of hexane or other homologous hydrocarbon solvents; usually contains about 1% fat.

Degummed Soy Oil: Sometimes referred to as crude degummed soy oil; The product resulting from washing crude soy oil with water and/or steam or another degumming agent for a specified period of time and then separating the oil-and-water mixture, usually by centrifugation, to remove the phosphatides. It shall not contain more than 0.02% of phosphorus without a discount penalty.

Degumming: The removal of phospholipids from soybean oil by a water washing step.

Deodorization: The removal of volatile flavor compounds from oils by high temperature steam distillation under high vacuum.

Desolventizer-toaster: Equipment for removing solvent from defatted flakes and for heating flakes sufficiently to overcome growth inhibition properties; heating medium is steam.

Edamame *(Japanese): See* Fresh Green Soybeans

Edible Crude Soy Oil: Soy oil which shall be of any of the following designated types produced from mature yellow soybeans: (1) expeller pressed, (2) expeller pressed degummed, (3) hydraulic pressed, (4) hydraulic pressed degummed, (5) solvent extracted, (6) solvent extracted degummed and (7) mixtures of any of the above-described types. When the oil is produced by solvent extraction, the name of the solvent used in the process must be given.

Edible Refined Soy Oil: Crude or degummed soy oil which has been subjected to special refining processes to adapt it specifically for use in food products. In addition to treatment with alkali, bleaching, partial hydrogenation, the oils may be also winterized. These oils are further classified as salad oils, cooking oils or shortening.

Expeller: Equipment for expressing oil from oil seeds, consisting of an augur moving through a slotted barel through which oil can drain. Also called a continuous screw press.

Extruder: A jacketed augur used as an economical cooker and as a means of texturizing soy flours or concentrates. Can also be used to treat soy flakes before solvent extraction.

Extrusion: A process for texturizing soy flours using high pressures and temperatures in an extruder.

Flaking: A process for converting dehulled soybeans into thin flakes for solvent extraction or other processing.

Fresh Green Soybeans; *Edamame (Japanese):* Vegetable-type soybeans picked green and cooked until tender. Used as a confection or snack. Sold in the pods, shelled, canned or frozen.

Full-Fat Soy Flour: Ground whole soybeans containing all of the original oil usually 18 to 20%. May be enzyme active or heated (toasted) to minimize enzyme action.

Fully Refined Soy Oil: The edible oil produced from crude or degummed soy oil which has been treated with dilute alkali solution (caustic refining) or neutralization, treated with absorbent clay materials (bleaching) and subjected to steam distillation at high temperatures under vacuum (deodorizing). Such oil may also be produced by a process called physical (steam) refining which consists of degumming, bleaching and neutralization by final step of deodorizing.

High-Fat Soy Flour: Flour produced by adding back soy oil and/or lecithin to defatted soy flour to a specified level, usually in the range of 15%.

Hilum: A morphological feature of the soybean seed coat. It is the point of attachment of the seed to the pod.

Hydrogenated Soy Oil: During the process of hydrogenation, the soy oil is exposed to hydrogen gas in the presence of heat and a catalyst (nickel, copper chromite) and the hydrogen combines with certain of the chemical components (unsaturated fatty acids) of the triglycerides with a resultant increase in the melting point of the oil; sometimes referred to as "hardening."

Isolated Soy Protein: Protein which has been greatly concentrated and removed from its native location by chemical or mechanical means. It is generally produced by extracting protein from white flakes or flour with water or a mild alkali. Isolates usually have a protein content of at least 90%.

Kunitz Trypsin Inhibitor: A class of soybean trypsin inhibitors primarily responsible for growth inhibition from raw soybeans.

Lecithinated Soy Flour: A type of low-fat or high-fat soy flour in which lecithin is added to defatted soy flour to a specified level, usually in a range up to 15%.

Lipoxygenase: An iron-containing enzyme in soybeans that catalyzes hydroperoxide formation in unsaturated fatty acids. Enzyme primarily responsible for creating the "beany" flavor in soymilk.

Low-fat Soy Flour: Flour produced either by partial removal of the oil from soybeans or by adding back soy oil and/or lecithin to defatted soy oil to a specified level, usually in the range of 5% to 6%.

Maturity Groups: Division of soybean cultivars into 12 groups based on how flowering responds to dark periods; maturity groups are selected for the proper latitude so that flowering is timed for maximum yield.

Meat Analogs: Material usually prepared from vegetable protein to resemble specific meats in texture, color and flavor.

Meat Extenders: Use of soy or other vegetable proteins as partial substitutes for meat in processed items such as patties, chili, casseroles, etc.

Miso *(Japanese):* A fermented, whitish-brown, brown, or red-brown seasoning paste made from soaked, steam-heated soybeans which are inoculated with cultures of microorganisms grown on rice or barley and then allowed to ferment. Typical microorganisms are *Aspergillus oryzae, Aspergillus sojae* and *Rhizopus oligosporus.* One method of fermentation is called the "natural brewing process" in which the soybeans are allowed to ferment for approximately 9 months; the other method is known as "the quick brewing process" in which the miso is produced in a short time by reducing the length of time for processing (heating) the soybeans and the fermentation. Sweet and salty varieties are produced.

Natto *(Japanese):* A whole soybean product produced in Japan by fermenting cooked soybeans with *Bacillus natto* until they develop a sticky, viscous coating.

Okara *(Japanese):* Soybean pulp which remains after the production of soymilk (aqueous extraction of the soybean). Consists primarily of the insoluble fiber of the soybean, along with some residual fat and protein.

Once Refined Soy Oil: Oil produced from crude soy oil which has been subjected only to the dilute alkali solution (refining) treatment or a comparable chemical treatment.

Protein: A naturally occurring combination of amino acids containing carbon, hydrogen, oxygen, nitrogen and usually sulphur. Protein is one of the essential constituents of all living things and of the diet of animal organisms.

Raffinose: A soluble trisaccharide found in soybeans that is resonsible for flatulence.

Soy Flour and/or Grits: The ground, screened, graded product obtained after extracting most of the oil from selected, sound, clean, dehulled soybeans. They are produced from grinding the defatted soy flakes. Grits are coarser ground than soy flour. Protein range is 40% to 60%.

Soy Protein Concentrate: Produced from defatted soybean flakes or flour by a process which immobilizes the protein and removes soluble sugars, mineral, etc. Concentrate has a protein content of 70%.

Soy Sauce: *Shoyu, Tamari Shoyu (Japanese):* A seasoning sauce of soybeans (whole soybeans, soybean meal or soy protein), sometimes mixed with wheat flour, resulting from the action of molds, yeasts and bacteria as prepared by the Oriental method (with *Aspergillus oryzae);* or by being hydrolized with hydrochloric acid. The fermentation or enzymatic action is permitted to progress for up to one and a half years, at which time the extract is heated and processed to produce the liquid for edible purposes. It is used as a seasoning in the preparation of foods and as a table condiment.

Soy Sprouts: Whole soybeans that have been sprouted (germinated) for up to six days.

Soya: As with the term *soybeans*, soya describes a legume, the botanical name of which is Glycine max (L.) Merrill. Also, soya can be used when describing the entire plant, crop or category of products derived from soybeans. Differentiated from the term *soybeans* which can be used to describe the actual seed of soya. Internationally acceptable.

Soybean(s): A legume, the botanical name of which is *Glycine max (L.) Merrill;* a summer annual varying in height from less than a foot to more than 6 feet and in habit of growth from stiffly erect to prostrate; the cultivated plant may reach a height of 3 feet or more. The seeds (soybeans) are borne in pods that grow in cluster of three to five with each pod usually containing two or three or more seeds. The oil content of the soybean varies from 13% to 26% (average 18% to 22%) and from 38% to 45% protein (on a moisture-free basis.) Soybeans were grown for centuries in the Orient and first introduced to the United States early in the 19th century. Soybeans grow best in areas having hot, damp summer weather but they can be grown under a great variety of climatic conditions.

Soybean Cake: Product resulting from the extraction of part or all of the oil by pressure or solvents from soybeans, sold according to its protein content and further described by its process of manufacture. (For more information see ***NOPA Standard Definitions***, immediately following this section.)

Soybean Extraction/Processing: The procedures involved in the separation of the oil and the protein meal; also called "crushers" or oil mill operations. There are two types of processes presently used in the United States for this purpose:

(1) Solvent Extraction - The process whereby the oil is leached or washed (extracted) from flaked soybeans by the use of commercial hexane as the solvent. The level of oil in the extracted flakes can be reduced to 1% or less by this processing method. The products resulting from the use of this process are designated in the trade as "solvent extracted," e.g. "solvent extracted soybean meal," "dehulled solvent extracted soybean meal," "solvent extracted soy grits", "solvent extracted soy flour." Practically all soybeans processed in the United States are processed by the solvent extraction system.

(2) Continuous Pressing - A continuous pressing process, at elevated temperatures, using expellers or screw presses which utilize a worm shaft continuously rotating within a pressing cylinder or cage to express the oil from soybeans after they have been ground and properly conditioned. The oil content of the resulting press cake is reduced to from 4% to 6% by this processing method. Although technically incorrect, the products resulting from this type of processing are often referred to as "expeller," e.g. "expeller soybean meal." (The term "Expeller" applies specifically to the screw press manufactured by Anderson IBEC of Strongsville, Ohio, whereas the screw press manufactured by the French Oil Mill Machinery Co. of Piqua, Ohio, is designated as a "mechanical screw press."

A third type of processing, called **Batch Pressing**, is not used at present in the United States to any appreciable extent but is used in some parts of the world for recovering the oil from soybeans and other oil-bearing materials. It is the oldest process known to the vegetable oil processing industry. It consists of an intermittent pressing operation carried out at elevated temperatures in a mechanical or hydraulic press after the soybeans have been rolled into flakes and properly conditioned by heat treatment.

Soybean Fatty Acids: The product obtained when glycerine is split off from the triglycerides in soy oil by any method of hydrolysis. In the field of industrial usage, soybean fatty acids are usually further classified according to the treatment to which they are subjected subsequent to hydrolysis.

Soybean Lecithin: The mixed phospholipids product obtained from soy oil by the degumming process, contains lecithin, cephalin and inositol phosphatides, together with glycerides of soy oil and traces of tocopherols, glucosides and pigments. It is designated and sold according to conventional descriptive grades with respect to consistency and bleaching. The dehydrated emulsion of mixed phosphatides and soy oil is further processed to produce the commercial grades which may be described as follows: plastic or firm consistency; soft consistency; fluid; unbleached; bleached; and double bleached. High quality commercial lecithin contains 60% to 65% phosphatides.

Soybean Meal: Ground soybean cake, ground soybean chips or ground soybean flakes, sold according to its protein content and further described by its process of manufacture. Typical composition: protein 44.0% minimum, fat 0.5% minimum, fiber 7% minimum and moisture 12.0% maximum.

Soybean Mill Feed: By-product of soybean processing consisting primarily of hulls and other offal from the tail of the mill. Typically contains 13% protein, 32% crude fiber and 13% moisture.

Soybean Mill Run: By-product of soybean processing consisting primarily of hulls and adhering meats. Typically contains 11% protein, 35% crude fiber and 13% moisture.

Soybean Processor: An individual, or a group of two or more individuals working together as a company or firm whose primary business is the separation of the oil and meal in soybeans. The activities of a processor may also include refining and/or distribution of the oil as well as distribution or further production with soybean meal or soy protein.

Soybean Soapstock: The by-product that results from the alkali refining of soy oil; averages about 6% of the volume of crude oil refined. It is sometimes referred to as "foots" since it accumulates at the bottom (foot) of the refining tank. Contract grade should contain not less than 30% total fatty acid.

Soyfoods: Term for edible (primarily for human consumption) soy-based products. These include traditional soyfoods such as tofu, soymilk, tempeh, soy sauce etc.; soy protein products produced after processing (as described above) such as soy flour, soy concentrates and isolated soy proteins; soy oil products such as refined soy oil, hydrogenated soybean oil and soybean lecithin; and, other edible by-products such as soybean hulls and soy fiber. Also, "second generation" soyfoods, a term to describe consumer oriented products that use a soyfood as a primary ingredient, such as tofu or soymilk-based nondairy frozen desserts or tofu-stuffed ravioli.

Soymilk: A protein-rich, milk-like liquid typically obtained from the soaking and grinding of whole soybeans with water; or, hydrating whole, full-fat soy flour; cooking the resultant slurry, and filtering all or part of the soy pulp or fiber from the cooked liquid. Modern systems for soymilk production may vary in technique. Soymilk prepared in this manner can be used to make tofu, drunk as is, or sweetened and flavored as a beverage.

Soynuts: Roasted whole soybeans. Oil roasted and dry roasted. Available plain, whole or crumbled; and flavored with a confectionery or seasoning coating.

Spinning: A process for texturizing soy protein isolate by forcing a concentrated solution of protein through a small opening into a coagulating bath.

Stachyose: A soluble tetrasaccharide found in soybeans that is responsible for flatulence.

Technical Grade Refined Soy Oil: Includes a wide variety of soy oils that are specially refined and further processed to meet requirements and/or specifications for a definite industrial use.

Tempeh: A soyfood product developed in Indonesia in which soybeans are soaked overnight and then cooked for a short time; the cooked soybeans are inoculated with the fungus *Rhizopus oryzae* and allowed to stand for 24 hours at 88°F (31°C) to permit optimum growth of the mycelium of the organism. The finished product resembles a pressed soybean cake. Tempeh can be eaten as is or cooked by frying or roasting.

Textured Soy Concentrate: Soy protein concentrate that has texture imparted by; spinning a fiber and combining the fiber in layers to achieve the desired texture; or, by a thermoplastic extrusion process.

Textured Soy Flour: Soy flour that has texture imparted by; spinning a fiber and combining the fiber in layers to achieve the desired texture; or, by a thermoplastic extrusion process. Please note that TVP (textured vegetable protein), is a trademark of Archer Daniels Midland).

Textured Soy Protein: Soy protein that has texture imparted by; spinning a fiber and combining the fiber in layers to achieve the desired texture; or, by a thermoplastic extrusion process.

Toasting: The term commonly but erroneously applied to the processes (moist) of cooking soybean meal, flour or grits by atmospheric or pressure methods for the purpose of increasing the protein efficiency of these soy products or improving their functional properties and/or improving physical texture.

Tofu (soybean curd): Formed, or formed and pressed curds, resulting from the coagulation of protein from soymilk by the use of calcium sulfate, magnesium chloride (nigari), calcium chloride or other suitable coagulating agent and then placed into forming boxes (or final package as in "silken tofu"). Weight may or may not be applied to the tofu while being pressed to help in the removal of whey. After solidification and cooling, the tofu is cut into appropriate sized pieces for packaging. Typically, tofu can have a protein content ranging from 5 to 15 percent. Tofu can be eaten as is, or further processed by cooking as in frying or baking; or by fermentation. Tofu can also be spray-dried to act as an ingredient in other food products, serving as a dairy or meat substitute.

Trypsin Inhibitors: Proteins in soybeans responsible for growth inhibition when raw soybeans are fed (see Bowman-Birk and Kunitz Trypsin Inhibitors:

Winterized Oil: Oil which has been treated in a manner to partially remove the saturated glycerides which have relative high melting points and are soluble only to a limited extent in the unsaturated glycerides. The process consists of chilling the oil slowly and then maintaining it a 5°C (41°F) for a specified period of time and removing the crystallized glycerides from the liquid fraction of the oil by the use of filter presses. Soy oil does not require winterizing unless it has been partially hydrogenated to increase stability.

Yuba *(Japanese):* Product acheived by simmering soymilk at a near boil until a film forms, then lifting the film free and drying it.

Standards & Specifications

NATIONAL OILSEED PROCESSORS ASSOCIATION (NOPA)
The following sections are reprinted from
NOPA's Yearbook and Trading Rules 1991-1992

TRADING RULES For the Purchase and Sale of SOYBEAN MEAL[1]

RULE 2—QUALITY

Section 1. STANDARD OF QUALITY

The standard of quality shall be the Soybean Meal of fair merchantable quality conforming to standard definitions and standard specifications of the Association, as set forth in these Trading Rules.

Section 2. STANDARD DEFINITIONS

A. **Soybean Cake** or **Soybean Chips** is the product after the extraction of part of the oil by pressure or solvents from soybeans. A name descriptive of the process of manufacture, such as expeller, hydraulic, or solvent extracted shall be used in the brand name. It shall be designated and sold according to its protein content.

B. **Soybean Meal** is ground soybean cake, ground soybean chips, or ground soybean flakes. A name descriptive of the process of manufacture, such as expeller, hydraulic, or solvent extracted shall be used in the brand name. It shall be designated and sold according to its protein content.

C. (1) **Soybean Mill Feed** is the by-product resulting from the manufacture of soybean flour or grits and is composed of soybean hulls and the offal from the tail of the mill. A typical analysis is 13% crude protein and 32% crude fiber, and 13% moisture.

C. (2) **Soybean Mill Run** is the product resulting from the manufacture of dehulled soybean meal and is composed of soybean hulls and such bean meats that adhere to the hull in normal milling operations. A typical analysis is 11% crude protein and 35% crude fiber, and 13% moisture.

C. (3) **Soybean Hulls** is the product consisting primarily of the outer covering of the soybean. A typical analysis is 13% moisture.

D. **Solvent Extracted Soybean Flakes** is the product obtained after extracting part of the oil from soybeans by the use of hexane or homologous hydrocarbon solvents. It shall be designated and sold according to its protein content.

Section 3. STANDARD SPECIFICATIONS

A. **Soybean Flakes and 44% Protein Soybean Meal** are produced by cracking, heating and flaking soybeans and reducing the oil content of the conditioned product by the use of hexane or homologous hydrocarbon solvents. The extracted flakes are cooked and marketed as such or ground into meal. Standard specifications are as follows:

Protein	Minimum 44.0%
Fat	Minimum 0.5%
Fiber	Maximum 7.0%
Moisture	Maximum 12.0%

B. **Soybean Flakes** and **High Protein** or **Solvent Extracted Soybean Meal** are produced by cracking, heating and flaking dehulled soybeans and reducing the oil content of the conditioned flakes by the use of hexane or homologous hydrocarbon solvents. The extracted flakes are cooked and marketed a such or ground into meal. Standard specifications are as follows:

Protein	Minimum 47.5%-49.0%*
Fat	Minimum 0.5%
Fiber	Maximum 3.3%-3.5%*
Moisture	Maximum 12.0%

(*As determined by Buyer and Seller at time of sale)

C. Any of the above meal products (listed in Section 3 above) may contain a non-nutritive inert, nontoxic conditioning agent to reduce caking and improve flowability, in an amount not to exceed that necessary to accomplish its intended effect and in no case to exceed 0.5% or 10 lbs. per ton by weight of the total meal product. The name of the conditioning agent must be shown as an added ingredient.

TRADING RULES For the Purchase and Sale of SOYBEAN OIL[2]

RULE 102—GRADE, QUALITY, SETTLEMENTS OF CRUDE SOYBEAN OIL AND REFEREE CHEMISTS

Section 1. STANDARD OF QUALITY

The Standard of Quality shall be the designated type of pure Soybean Oil of fair average quality based on the season's production, which must conform to standard specifications of the Association, which are herewith made a part of the Trading Rules and which are subject to modification from time to time as conditions may warrant, upon recommendation of the Technical Committee.

A. Types of Crude Soybean Oil. Edible crude soybean oil shall be of any of the following designated types:
(1) Expeller pressed.
(2) Expeller pressed degummed.*
(3) Hydraulic pressed.
(4) Hydraulic pressed degummed.*
(5) Solvent extracted (State solvent used.)*
(6) Solvent extracted degummed. (State solvent used.)*
(7) Mixtures of any of the above types. (In which case seller shall specify that analysis shall be made corresponding to one of the specific types.) (State solvent used.)

*Tentative Explanatory Definition. Degummed soybean oil shall be the product resulting from removal of phosphatides from crude soybean oil, and shall contain not more than 0.02% of phosphorus determined by A.O.C.S. Official Method Ca 12-55.

B. Grade & Quality. Crude soybean oil sold under this rule shall be any of the above-designated types and shall conform to the following specifications:
(1) Not more than 0.5% moisture and volatile matter.
(2) A green color lighter than Standard B.
(3) A refined and bleached color not darker than 6.0 red.
(4) A neutral oil loss not exceeding 7.5%.
(5) Not more than 1.5% unsaponifiable matter (exclusive of moisture and insoluble impurities).
(6) A flash point not lower than 250° F.

Crude soybean oil not meeting the above specifications is rejectable, and shall be sold on sample only.

Section 2. METHODS OF ANALYSIS

The grade and quality of crude soybean oil shall be determined by the methods specified herein and in appendices A, B, and C.

Section 3. SETTLEMENTS FOR CRUDE SOYBEAN OIL

A. OFFICIAL SAMPLE: The Official Sample shall be three one-quart samples. These portions should be packaged in clean, dry and new containers. Either tinned metal containers or high density polyethylene bottles fitted with metal caps having oil resistant cap liners are acceptable. Polyethylene containers must be enclosed for shipping in custom-made, close fitting cardboard containers. The sample must be drawn at the time of loading by a qualified sampler in accordance with A.O.C.S. Official Method for sampling crude oils (C 1-47-Continuous Flow and Trier methods), and shall be so indicated on invoice. If the Shipper neglects to provide such a sample at the time of loading, or fails to show on invoice that an Official Sample has been taken, a sample drawn at destination shall be official when taken in accordance with the A.O.C.S. Official Methods as noted above. Shipper shall forward to Consignee one of the one-quart portions at no expense to Consignee within one working day of completion of loading, and label of sample must designate type of oil and plant destination. The second quart is the Shipper's sample, and the third quart is to be retained by Shipper as the referee sample.

RULE 103—DEFINITIONS OF GRADES AND QUALITY OF SOYBEAN OIL USED FOR SPECIFIC PURPOSES

Section 1. INDIVIDUAL SPECIFICATIONS: Sale of crude and special grades of soybean oil on the basis of processor's individual specifications are subject to all Trading Rules of the Association except as to quality settlement and sampling procedure as specified by Rule 102. The quality specifications and sampling procedure are to be determined by agreement between Buyer and Seller.

Section 2. RESPONSIBILITY FOR ADAPTABILITY: Seller shall not be responsible for adaptability of goods for any specific purpose, unless specifically provided for in the contract.

Section 3. DEFINITIONS OF GRADE AND QUALITY OF EXPORT OILS. ALL QUALITY DETERMINATIONS SHALL BE MADE FROM A COMPOSITE SAMPLE OF THE SHIPMENT.

A. Crude Degummed Soybean Oil

Analytical Requirements:	**Maximum**	**Minimum**	**Method**
Unsaponifiable Matter	1.5%		Ca 6a-40
Free Fatty Acids, as Oleic	0.75% a/		Ca 5a-40
Moisture and Volatile Matter and Insoluble Impurities	0.3%	M&V Ca 2d-25	1.1 Ca 3-46
Flash Point		250°F	Cc 9b-55
Phosphorus	0.02% b/		Ca 12-55

The chemical analysis to determine quality shall include the qualitative test for fish oil and marine animal oils as prescribed by AOAC Method No. 28.121 and shall be negative.

Deviations:

Only the following are allowable with the discounts to apply as shown:

a. Free fatty acids
.76%—.85%—0.2% of contract price
.86%—.95%—0.4% of contract price
.96%—1.05%—0.6% of contract price
1.06%—1.15%—0.9% of contract price
1.16%—1.25%—1.2% of contract price

b. Phosphorus
Shipment up to 0.025% permitted with the following discounts for excess over 0.020%:

.021% of—0.2% of contract value
.022% of—0.4% of contract value
.023% of—0.6% of contract value
.024% of—0.9% of contract value
.025% of—1.2% of contract value

Physical Requirements:

Crude Degummed Soybean Oil sold for export shall be pure soybean oil. It shall be produced from fair average quality crude soybean oil from which the major portion of the gums naturally present has been removed by hydration and mechanical or physical separation. It shall be equal in quality to soybean oil produced for domestic consumption.

B. Once Refined Soybean Oil

Analytical Requirements:

Clear and brilliant in appearance at 70°—85° F.
Free from settlings at 70°—85° F.
Shall contain not more than 0.10% moisture and volatile matter using A.O.C.S. Official Method Ca 2s-25. Shipment up to 0.15% allowed with following discount to be applied over 0.10% as follows:

0.11% of—0.3% of contract price
0.12% of—0.6% of contract price
0.13% of—0.9% of contract price
0.14% of—1.2% of contract price
0.15% of—1.5% of contract price

Free Fatty Acids shall not be in excess of 0.10%. Shipment up to 0.15% allowed with following discount to be applied over 0.10% as follows:

0.11% of—0.2% of contract price
0.12% of—0.4% of contract price
0.13% of—0.6% of contract price
0.14% of—0.9% of contract price
0.15% of—1.2% of contract price

Color, when bleached according to A.O.C.S. Method Ce 83-63 Procedure (a) shall not be darker than 3.5 red and shall not have a predominantly green color.

Flash point shall not be below 250° F., as determined by A.O.C.S. Tentative Method Cc 9b-55.

The unsaponifiable content shall not exceed 1.5% when determined according to A.O.C.S. Method Ca 6a-40.

The Chemical analysis to determine quality shall include the qualitative test for fish oil and marine animal oils as prescribed by AOAC method No. 28.121, and shall be negative.

Physical Requirements:

Once Refined Soybean Oil sold for export shall be pure soybean oil. It shall be produced from fair average quality crude soybean oil from which essentially all of the free fatty acids and non-oil substances have been removed by chemical treatments and by mechanical or physical separation.

C. Fully Refined Soybean Oil

Fully Refined Soybean Oil sold for export shall be pure soybean oil. It shall be produced from fair average quality crude soybean oil from which essentially all of the free fatty acids and non-oil substances have been removed by chemical treatments and by mechanical or physical separation. It shall meet the following specifications:

Analytical Requirements:

(1) Flavor shall be bland.
(2) Color (Lovibond) Maximum 20Y/2.0R using A.O.C.S. Method 13b-45 procedure.
(3) % FFA (% by wt.) Maximum 0.05 using A.O.C.S. Method Ca 5a-40 procedure.
(4) Clear and brilliant in appearance at 70—85° F.
(5) Cold Test—Minimum 5 1/2 hrs. using A.O.C.S. Method Cc 11-53.
(6) Shall contain not more than 0.10% moisture and volatile matter using A.O.C.S. Official Method Ca 2d-25.
(7) The unsaponifiable content shall not exceed 1.5% when determined according to A.O.C.S. Method Ca 6a-40.
(8) The peroxide value Meq./Kg. shall not exceed 2.0 when determined by A.O.C.S. Method Cd 8-53.
(9) Stability—AOM, Minimum is 8 hrs. 35 Meq./Kg. when using the A.O.C.S. Method Cd 12-57.
(10) Preservatives (GRAS) are permitted.

Chemical analysis shall be made in accordance with the methods from "Official and Tentative Methods of the American Oil Chemists' Society, Chapter: Commercial Fats and Oils, Section C."

The chemical analysis to determine quality shall include the qualitative test for fish oil and marine animal oils as prescribed by AOAC Method No. 28.121, and shall be negative.

Physical Requirements:

(1) The oil shall be clear and brilliant in appearance at 70°—85° F.
(2) The oil shall be free from settlings or foreign matter of any kind.
(3) The oil shall be bland and free from rancid, painty, musty, soapy, fishy, metallic, beany, and other foreign or undesirable odors and flavors when tested by the method specified in 4.3.2., as outlined in Federal Specifications JJJ-S-30b.

NOPA Yearbook and Trading Rules, 1991-1992 (Washington, DC; National Oilseed Processors Association, 1991, effective August 1, 1991), [1] pp. 30-32; [2] pp. 77-78, 82-84.

TO OBTAIN A COPY OF
NOPA YEARBOOK AND TRADING RULES 1991-1992
CONTACT:
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ASSOCIATION OF AMERICAN FEED CONTROL OFFICIALS, INC.
(AAFCO)
The following section is reprinted from the
AAFCO Official Publication 1992.[1]

OFFICIAL AND TENTATIVE DEFINITIONS OF FEED INGREDIENTS AS ESTABLISHED BY THE ASSOCIATION OF AMERICAN FEED CONTROL OFFICIALS

84. SOYBEAN PRODUCTS

OFFICIAL

84.1 **Ground Soybeans** is obtained by grinding whole soybeans without cooking or removing any of the oil. (Adopted 1933)
IFN 5-04-596 Soybean seeds ground

84.2 **Ground Soybean Hay** is the ground soybean plant including the leaves and beans. It must be reasonably free of other crop plants and weeds and must contain not more than 33% crude fiber. (Adopted 1944, Amended 1964)
IFN 1-04-559 Soybean hay sun-cured ground

84.3 **Soybean Hulls** consist primarily of the outer covering of the soybean. (Adopted 1948)
IFN 1-04-560 Soybean seed coats (hulls)

*84.4 **Soybean Feed, Solvent Extracted,** is the product remaining after the partial removal of protein and nitrogen free extract from dehulled solvent extracted soybean flakes. (Adopted 1948, Amended 1960, 1964)
IFN 5-04-613 Soybean seeds low protein low carbohydrates meal solvent extracted

84.8 **Soybean Mill Feed** is composed of soybean hulls and the offal from the tail of the mill which results from the manufacture of soy grits or flour. It must contain not less than 13% crude protein and not more than 32% crude fiber. (Proposed 1960, Adopted 1961, Amended 1964)
IFN 4-04-594 Soybean flour by-product

84.9 **Soybean Mill Run** is composed of soybean hulls and such bean meats that adhere to the hulls which results from normal milling operations in the production of dehulled soybean meal. It must contain not less than 11% crude protein and not more than 35% crude fiber. (Proposed 1960, Adopted 1961, Amended 1964)
IFN 4-04-595 Soybean mill run

84.10 **Soy Phosphate** or **Soy Lecithin** is the mixed phosphatide product obtained from soybean oil by a degumming process. It contains lecithin, cephalin and inositol phosphatides, together with glycerides of soybean oil and traces of tocopherols, glucosides and pigments. It must be designated and sold according to conventional descriptive grades with respect to consistency and bleaching. (Proposed 1958, Adopted 1961)
IFN 4-04-562 Soybean lecithin

84.12 **Soy Protein Concentrate** is prepared from high quality sound, clean, dehulled soybean seeds by removing most of the oil and water soluble non-protein constituents and must contain not less than 65% protein on a moisture-free basis. (Proposed 1988, Adopted 1990)
IFN 5-32-183 Soybean protein concentrate

84.13 **Kibbled Soybean Meal** is the product obtained by cooking ground solvent extracted soybean meal, under pressure and extruding from an expeller or other mechanical pressure device. It must be designated and sold according to its protein content and shall contain not more than 7% crude fiber. (Proposed 1969, Adopted 1971)
IFN 5-09-343 Soybean seed kibbled solvent extracted

84.14 **Soybean Solubles, Condensed,** is the product resulting from the washing of soy flour or soybean flakes with water and acid; water, alkali and acid; or water and alcohol. The wash water is then concentrated to a solids content of not less than 50%. (Proposed 1983, Adopted 1990)
IFN 5-09-344 Soybean solubles condensed

84.15 **Ground Extruded Whole Soybeans** is the meal product resulting from extrusion by friction heat and/or steam, whole soybeans without removing any of the component parts. It must be sold according to its crude protein, fat and fiber content. (Proposed 1974, Adopted 1975)
IFN 5-14-005 Soybean seeds extruded ground

84.16 ________**Protein Modified** is a Soybean Product that has been processed to primarily modify the natural protein structure by utilizing acids, alkalies or other chemicals and without removing significant amounts of any nutrient constituent. The defined name under Section 84 of the applicable soybean product so modified shall be declared in the product name. (Proposed 1982, Adopted 1983)
IFN 5-26-010 Soybean protein product chemically modified

84.17 **Soybean Solubles, Dried,** is the product resulting from the washing of soy flour or soybean flakes with ater and acid; water, alkali and acid; or water and alcohol. The wash is then dried. (Proposed 1983, Adopted 1990)
IFN 5-16-733 Soybean Solubles dehydrated

84.5 **Soy Grits** is the granular material resulting from the screened and graded product after removal of most of the oil from selected, sound, clean and dehulled soybeans by a mechanical or solvent extraction process. It must contain not more than 4.0% crude fiber. (Proposed 1978, Adopted 1980.)
IFN 5-12-176 Soybean grits mechanical extracted
IFN 5-04-592 Soybean grits solvent extracted

84.7 **Soybean Meal, Dehulled, Solvent Extracted** is obtained by grinding the flakes remaining after removal of most of the oil from dehulled soybeans by a solvent extraction process. It must contain not more than 3.3% crude fiber. It may contain an inert non-toxic conditioning agent either nutritive or non-nutritive or any combination thereof, to reduce caking and improve flowability in an amount not to exceed that necessary to accomplish its intended effect and in no case to exceed 0.5%. The name of the conditioning agent must be shown as an added ingredient. When listed as an ingredient in a manufactured feed, it may be identified as "dehulled Soybean Meal." (Proposed 1978, Adopted 1980)
IFN 5-04-612 Soybean seeds without hulls meal solvent extracted

84.51 **Soy Flour** is the finely powdered material resulting from the screened and graded product after removal of most of the oil from selected, sound, cleaned and dehulled soybeans by a mechanical or solvent extraction process. It must contain not more than 4.0% crude fiber. (Proposed 1978, Adopted 1980)
IFN 5-12-177 Soybean flour mechanical extracted
IFN 5-04-593 Soybean flour solvent extracted

84.60 **Soybean Meal, Mechanical Extracted,** is the product obtained by grinding the cake or chips which remain after removal of most of the oil from soybeans by a mechanical extraction process. It must contain not more than 7% crude fiber. It may contain an inert, non-toxic conditioning agent either nutritive or non-nutritive or any combination thereof, to reduce caking and improve flowability in an amount not to exceed that necessary to accomplish its intended effect and in no case exceed 0.5%. The name of the conditioning agent must be shown as an added ingredient. The words "Mechanical Extracted" are not required when listing as an ingredient in a manufactured feed. (Proposed 1978, Adopted 1980.)
IFN 5-04-600 Soybean seeds meal mechanical extracted

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*The words "Solvent Extracted" are not required when listing as an ingredient in a manufactured feed.

84.61 **Soybean Meal, Solvent Extracted**, is the product obtained by grinding the flakes which remain after removal of most of the oil from soybeans by a solvent extraction process. It must contain not more than 7% crude fiber. It may contain an inert non-toxic conditioning agent either nutritive or non-nutritive and any combination thereof, to reduce caking and improve flowability in an amount not to exceed that necessary to accomplish its intended effect and in no case exceed 0.5% The name of the conditioning agent must be shown as an added ingredient. The words "Solvent Extracted" are not required when listing an ingredient in a manufactured feed. (Proposed 1978, Adopted 1980)
IFN 5-04-604 Soybean seeds meal solvent extracted

84.62 **Soy Protein Isolate** is the major proteinaceous fraction of soybeans prepared from dehulled soybeans by removing the majority of non-protein components and must contain not less than 90% protein on a moisture-free basis. (Proposed 1988, Adopted 1990)
IFN 5-24-811 Soy Protein Isolate

Tentative

T84.7 **Soybean Meal, Dehulled, Solvent Extracted** is obtained by grinding the flakes remaining after removal of most of the oil from dehulled soybeans by a solvent extraction process. It must contain not more than 3.5% crude fiber and not more than 12.0% moisture. It may contain calcium carbonate or an anti-caking agent not to exceed 0.5% as defined in section 87 (Special Purpose Products) to reduce caking amd improve flowability. The name of the conditioning agent must be shown as an added ingredient. When listed as an ingredient in a manufactured feed it may be identified as "Dehulled Soybean Meal." (Proposed 1989)
IFN 5-04-612 Soybean seeds without hulls meal solvent extracted.

T84.60 **Soybean Meal, Mechanical Extracted** is the product obtained by grinding the cake or chips which remain after removal of most of the oil from soybeans by a mechanical extraction process. It must contain not more than 7.0% crude fiber and not more than 12.0% moisture. It may contain calcium carbonate or an anti-caking agent not to exceed 0.5% as defined in section 87 (Special Purpose Products) to reduce caking and improve flowability. The name of the conditioning agent must be shown as an added ingredient. The words "Mechanical Extracted" are not required when listing as an ingredient in a manufactured feed. (Proposed 1989)
IFN 5-04-600 Soybean seeds meal mechanical extracted.

T84.61 **Soybean Meal, Solvent Extracted** is the product obtained by grinding the flakes witch remain after removal of most of the oil from soybeans by a solvent extraction process. It must contain not more than 7.0% crude fiber and not more than 12.0% moisture. It may contain calcium carbonate or an anti-caking agent not to exceed 0.5% as defined in section 87 (Special Purpose Products) to reduce caking and improve flowability. The name of the conditioning agent must be shown as an added ingredient. The words "Solvent Extracted" are not required when listing as an ingredient in a manufactured feed. (Proposed 1989)
IFN 5-04-604 Soybean seeds meal solvent extracted.

T84.11 **Heat Processed Soybeans** (Dry Roasted Soybeans) is the product resulting from heating whole soybeans without removing any of the component parts. It may be ground, pelleted, flaked or powdered. It must be sold according to its crude protein content. (Proposed 1960, Adopted 1964)
IFN 5-04-597 Soybean seeds heat processed

UNITED STATES DEPARTMENT OF AGRICULTURE

The following sections are reprinted from the
Official United States Standards for Grain.*

UNITED STATES STANDARDS FOR SOYBEANS[1]

Revised Effective May 1, 1988

Subpart A - General Provisions

Terms Defined

§ 810.101 Grains for which standards are established.

Grain refers to barley, corn, flaxseed, mixed grain, oats, rye, sorghum, soybeans, sunflower seed, triticale, and wheat. Standards for these food grains, feed grains and oilseeds are established under the United States Grain Standards Act.

§ 810.102 Definition of other terms.

Unless otherwise stated, the definitions in this section apply to all grains. All other definitions unique to a particular grain are contained in the appropriate subpart for that grain.

(a) Distinctly low quality. Grain that is obviously of inferior quality because it is in an unusual state or condition, and that cannot be graded properly by use of the other grading factors provided in the standards. Distinctly low quality includes the presence of any objects too large to enter the sampling device; i.e., large stones, wreckage or similar objects.

(b) Moisture. Water content in grain as determine, by an approved device according to procedures prescribed in FGIS Instructions.

(c) Stones. Concreted earthy or mineral matter and other substances of similar hardness that do not disintegrate in water.

(d) Test weight per bushel. The weight per Winchester bushel (2,150.42 cubic inches) as determined using an approved device according to procedures prescribed in FGIS instructions. Test weight per bushel in the standards for corn, mixed grain, oats, sorghum and soybeans, is determined on the original sample. Test weight per bushel in the standards for barley, flaxseed, rye, sunflower seed, triticale, and wheat is determined after mechanically cleaning the original sample. Test weight per bushel is recorded in whole and tenth pounds to the nearest tenth pound for wheat, rye and triticale. Test weight per bushel for all other grains is recorded in whole and half pounds, with a fraction of a half pound disregarded.

(e) Whole kernels. Grain with 1/4 or less of the kernel removed.

Principles Governing the Application of Standards

§ 810.103 Basis of determination.

(a) Distinctly low quality. The determination of distinctly low quality is made on the basis of the lot as a whole at the time of sampling when a condition exists that may or may not appear in the representative sample and/or the sample as a whole.

(b) Certain quality determinations. Each determination of rodent pellets, bird droppings, other animal filth, broken glass, castor beans, cockleburs, crotalaria seeds, dockage, garlic, live insect infestation, large stones, moisture, temperature, an unknown foreign substance(s), and a commonly recognized harmful or toxic substance(s) is made on the basis of the sample as a whole. When a condition exists that may not appear in the representative sample, the determination may be made on the basis of the lot as a whole at the time of sampling according to procedures prescribed in FGIS Instructions.

(c) All other determinations. The basis of determination for all other factors is contained in the individual standards.

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[1] **Official Publication 1992**, Association of American Feed Control Officials Incorporated, pp. 194-197.

TO OBTAIN A COPY OF THE
OFFICIAL PUBLICATION 1992 —
ASSOCIATION OF AMERICAN FEED
CONTROL OFFICIALS INCORPORATED
CONTACT:
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Georgia Dept. of Agriculture, Plant Food, Feed and Grain Div.,
Capitol Square, Atlanta, GA 30334
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§ 810.104 **Percentages.**

(a) **Rounding.** Percentages are determined on the basis of weight and are rounded as follows:

1. When the figure to be rounded is followed by a figure greater than or equal to 5, round to the next higher figure; e.g., report 6.36 as 6.4, 0.35 as 0.4 and 2.45 as 2.5.
2. When the figure to be rounded is followed by a figure less than 5, retain the figure; e.g., report 8.34 as 8.3 and 1.22 as 1.2.

(b) **Recording.** The percentage of splits in soybeans, and the percentage of dockage in barley, flaxseed, rye and sorghum are reported in whole percents with fractions of a percent being disregarded. Dockage in triticale is reported in whole and half percent with a fraction less than one-half percent being disregarded. Dockage in wheat is reported in whole and tenth percent to the nearest tenth percent. Foreign material in sunflower seed is reported to the nearest one-half percent. Ranges of sunflower seed foreign material are reported as follows: 0.0 to 0.24 is reported as 0.0 percent, 0.25 to 0.74 as 0.5 percent, 0.75 to 1.24 as 1.0 percent, and the like. Foreign material and fines in mixed grain is reported in whole percent. The percentage of smut in barley and ergot are reported to the nearest hundredth percent. The percentage when determining the identity of all grains is reported to the nearest whole percent. Also reported to the nearest whole percent are the classes and subclasses in wheat; flint corn; flint and dent corn; waxy corn; classes in barley; and the percentage of each kind of grain in mixed grain. Plump barley shall be expressed in terms of the range in which it falls. Ranges shall be: Below 50 percent, 50 to 55 percent, 56 to 60 percent, 61 to 65 percent, and the like. All other percentages are reported in tenths percent.

Grades, Grade Requirements and Grade Designations

§ 810.105 **Grades and grade requirements.**

The grades and grade requirements for each grain (except mixed grain) are shown in the grade table(s) of the respective standards. Mixed grain grade requirements are not presented in tabular form.

§ 810.106 **Grade designations.**

(a) **Grade designations for grain.** The grade designations included in the following order:

(1) The letters "U.S."

(2) The abbreviation "No." and the number of the grade or the words "Sample grade";

(3) When applicable, the subclass;

(4) The class or kind of grain;

(5) When applicable, the special grade(s) except in the case of bright, extra heavy and heavy oats or plump rye, the special grades, "bright", "extra heavy", "heavy" and "plump" will precede the word "oats" or "rye" as applicable; and

(6) When applicable, the word "dockage" together with the percentage thereof.

When applicable, the remarks section of the certificate will include in the order of predominance; in the case of a mixed class, the name and approximate percentage of the classes, in the case of sunflower seed, the percentage of admixture; in the case of mixed grain, the grains present; in excess of 10.0 percent of the mixture and when applicable, the words Other grains followed by a statement of the percentage of the combined quantity of those kinds of grains, each of which is present in a quantity less 10.0 percent; in the case of barley, if requested, the word "plump" with the percentage range thereof; in the case of wheat, if requested, the percentage of protein content.

(b) **Optional grade designations.**
In addition to paragraph (a) of this Section, grain may be certificated under certain conditions as described in FGIS instructions when supported by official analysis, as "U.S. No. 2 or better (type of grain)", "U.S. No. 3 or better (type of grain)", and the like.

Special Grades, Special Grade Requirements and Special Grade Designations

§ 810.107 **Special grades and special grade requirements.**

A special grade serves to draw attention to a special factor or condition present in the grain and, when applicable, is supplemental to the grade assigned under § 810.106. Except for the special grade "infested", the special grades are identified and requirements are established in each respective grain standards.

(a) **Infested wheat, rye and triticale.** Tolerances for live insects responsible for infested wheat, rye and triticale are defined according to sampling designations as follows:

(1) **Representative sample.** The representative sample consists of the work portion, and the file sample if needed and when available. These grains will be considered infested if the representative same (other than shiplots) contain two or more live weevils, or one live weevil and one or more other live insects injurious to stored grain, or two or more live insects injurious to stored grain.

(2) **Lot as a whole (stationary).** The lot as a whole is considered infested when two or more live weevils, or one live weevil and one or more other live insects injurious to stored grain are found in, on, or about the lot (excluding submitted samples and shiplots).

(3) **Sample as a whole (continuous loading/unloading of shiplots and bargelots).** The minimum sample size for shiplots and bargelots is 500 grams per each 2,000 bushels of grain. The sample as a whole is considered infested when a component (as defined in FGIS instructions) contains two or more live weevils, or one live weevil and one or more other live insects injurious to stored grain, or two or more other live insects injurious to stored grain.

(b) **Infested barley, corn, oats, sorghum, soybeans, sunflower seeds and mixed grain.** Tolerances for live insects responsible for infested barley, corn, oats, sorghum, soybeans, sunflower seed and mixed grain are defined according to sampling designations as follows:

(1) **Representative sample.** The representative sample consists of the work portion and the file sample if needed and when available. These grains will be considered infested if the representative sample (other than shiplots) contain two or more live weevils, or one live weevil and five or more other live insects injurious to stored grain, or ten or more other live insects injurious to stored grain.

(2) **Lot as a whole (stationary).** The lot as a whole is considered infested when two or more live weevils, or one live weevil and five or more other live insects injurious to stored grain, or ten or more other live insects injurious to stored grain are found in, on, or about the lot (excluding submitted samples and shiplots).

(3) **Sample as a whole (continuous loading/unloading of shiplots and bargelots).** The minimum sample for shiplots and bargelots is 500 grams per each 2,000 bushels of grain. The sample as a whole is considered infested when a component (as defined in FGIS instructions) contains two or more live weevils or one live weevil and five or more other live insects injurious to stored grain, or ten or more other live insects injurious to stored grain.

§ 810.108 **Special grade designations.**

Soybeans that have green seed coats will also be green in cross section Bicolored soybeans will have seed coats of two colors, one of which is brown or black, and the brown or black color covers 50 percent of the seed coats. The hilum of a soybean is not considered a part of the seed coat for this determination.

SUBPART I - UNITED STATES STANDARDS FOR SOYBEANS

Terms Defined

§ 810.1601 Definition of soybeans.

Grain that consists of 50 percent or more of whole or broken soybeans (Glycine max (L.) Merr.) that will not pass through an 8/64 round-hole sieve and not more than 10.0 percent of other grains for which standards have been established under the United States Grain Standards Act.

§ 810.1602 Definition of other terms.

(a) **Classes.** There are two classes for soybeans: Yellow soybeans and Mixed soybeans.

(1) **Yellow soybeans.** Soybeans that have yellow or green seed coats and which in cross section, are yellow or have a yellow tinge, and may include not more than 10.0 percent of soybeans of other colors.

(2) **Mixed soybeans.** Soybeans that do not meet the requirements of the class Yellow Soybeans.

(b) **Damaged kernels.** Soybeans and pieces of soybeans that are badly ground-damaged, badly weather-damaged, diseased, frost-damaged, germ-damaged, heat-damaged, insect-bored, mold-damaged, sprout-damaged, stinkbug-stung, or otherwise materially damaged. Stinkbug-stung kernels are considered damaged kernels at the rate of one-fourth of the actual percentage of the stung kernels.

(c) **Foreign material.** All matter that passes through an 8/64 round-hole sieve and all matter other than soybeans remaining in the sieved sample after sieving according to procedures prescribed in FGIS instructions.

(d) **Heat-damaged kernels.** Soybeans and pieces of soybeans that are materially discolored and damaged by heat.

(e) **Purple mottled or stained.** Soybeans that are discolored by the growth of a fungus; or by dirt; or by a dirt-like substance(s) including nontoxic inoculants; or by other nontoxic substances.

(f) **Sieve. 8/64 round hole sieve.** A metal sieve 0.032 inch thick perforated with round holes 0.125 inch in diameter.

(g) **Soybeans of other colors.** Soybeans that have green, black, brown, or bicolored seed coats. Soybeans that have green seed coats will also be green in cross section Bicolored soybeans will have seed coats of two colors, one of which is brown or black, and the brown or black color covers 50 percent of the seed coats. The hilum of a soybean is not considered a part of the seed coat for this determination.

(h) **Splits.** Soybeans with more than 1/4 of the bean removed and that are not damaged.

Principles Governing the Application of Standards

§ 810.1063 Basis of determination.

Each determination of class, heat-damaged kernels, damaged kernels, splits and soybeans of other colors is made on the basis of the grain when free from foreign material. Other determinations not specifically provided for under the general provisions are made on the basis of the grain as a whole.

Grades and Grade Requirements

§ 810.1064 Grades and grade requirements for soybeans.

See Table Below

Special Grades and Special Grade Requirements

§ 810.1605 Special grades and special grade requirements.

Garlicky soybeans. Soybeans that contain 5 or more green garlic bulblets or an equivalent quantity of dry or partly dry bulblet in a 1,000 gram portion.

Grade	Minumum Test Weight per Bushel (pounds)	Maximum Limits of				
		Damaged Kernels		Foreign Material (percent)	Splits (percent)	Soybeans Of Other Colors (percent)
		Heat Damaged (percent)	Total (percent)			
U.S. No. 1	56.0	0.2	2.0	1.0	10.0	1.0
U.S. No. 2	54.0	0.5	3.0	2.0	20.0	2.0
U.S. No. 3 1/	52.0	1.0	5.0	3.0	30.0	5.0
U.S. No. 4 2/	49.0	3.0	8.0	5.0	40.0	10.0
U.S. Sample grade						

U.S. sample grade is soybeans that:

(a) Do not meet the requirements for U.S. Nos. 1, 2, 3 or 4, or;

(b) Contain 8 or more stones which have an aggregate weight in excess of 0.2 percent of the sample weight, 2 or more pieces of glass, 3 or more Crotalaria seeds (Crotalaria spp.), 2 or more castor beans (Ricinus communis L.), 4 or more particles of an unknown substance(s), 10 or more rodent pellets, bird droppings, or equivalent quantity of other animal filth per 1,000 grams of soybeans; or

(c) Have a musty, sour, or commercially objectionable foreign odor (except garlic odor); or

(d) Are heating or otherwise of distinctly low quality.

1/ Soybeans that are purple mottled or stained are graded not higher than U.S. No. 3.

2/ Soybeans that are materially weathered are graded not higher than U.S. No. 4.

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CONTACT:
U.S.D.A. — F.G.I.S., Standards and Procedures Branch,
P.O. Box 96454, Room 1661-S, Washington, D.C. 20090-6454
PH: 202/720-0252; FAX: 202/720-1015

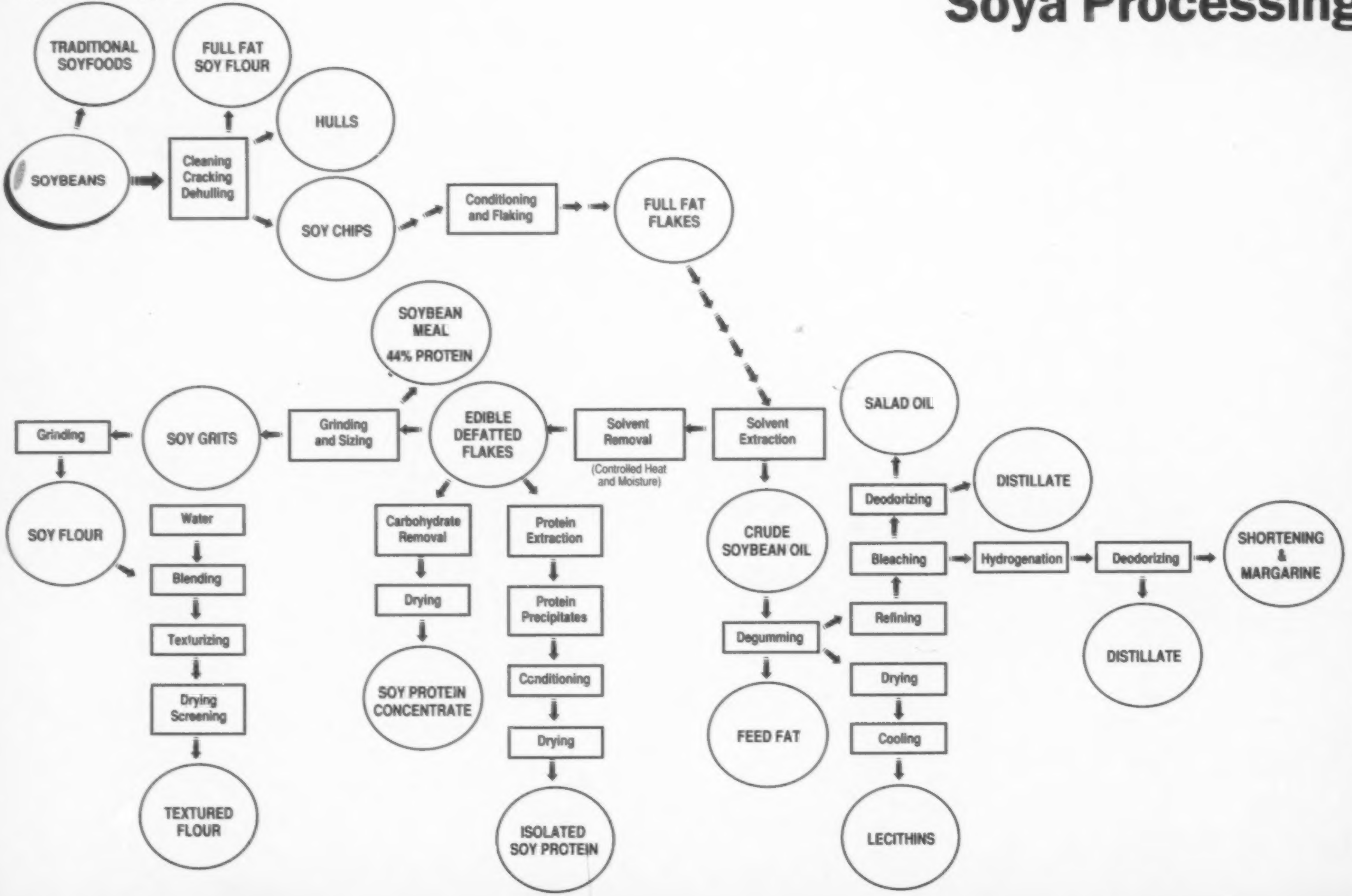
---

*Official United States Standards for Grain, Revised May 1, 1988 (U.S. Government Printing Office)

[1] Compliance with the provisions of these standards does not excuse failure to comply with the provisions of the Federal Food, Drug and Cosmetic Act, or other Federal laws.

Soya Processing

(See Chart On Page 222)


TRADITIONAL SOYFOODS
FULL FAT SOY FLOUR
HULLS
SOYBEANS
Cleaning Cracking Dehulling
SOY CHIPS
Conditioning and Flaking
FULL FAT FLAKES
SOYBEAN MEAL 44% PROTEIN
Grinding
SOY GRITS
Grinding and Sizing
EDIBLE DEFATTED FLAKES
Solvent Removal
(Controlled Heat and Moisture)
Solvent Extraction
SALAD OIL
DISTILLATE
SOY FLOUR
Water
Blending
Texturizing
Drying Screening
TEXTURED FLOUR
Carbohydrate Removal
Drying
SOY PROTEIN CONCENTRATE
Protein Extraction
Protein Precipitates
Conditioning
Drying
ISOLATED SOY PROTEIN
CRUDE SOYBEAN OIL
Degumming
FEED FAT
Deodorizing
Bleaching
Refining
Drying
Cooling
LECITHINS
Hydrogenation
Deodorizing
DISTILLATE
SHORTENING & MARGARINE

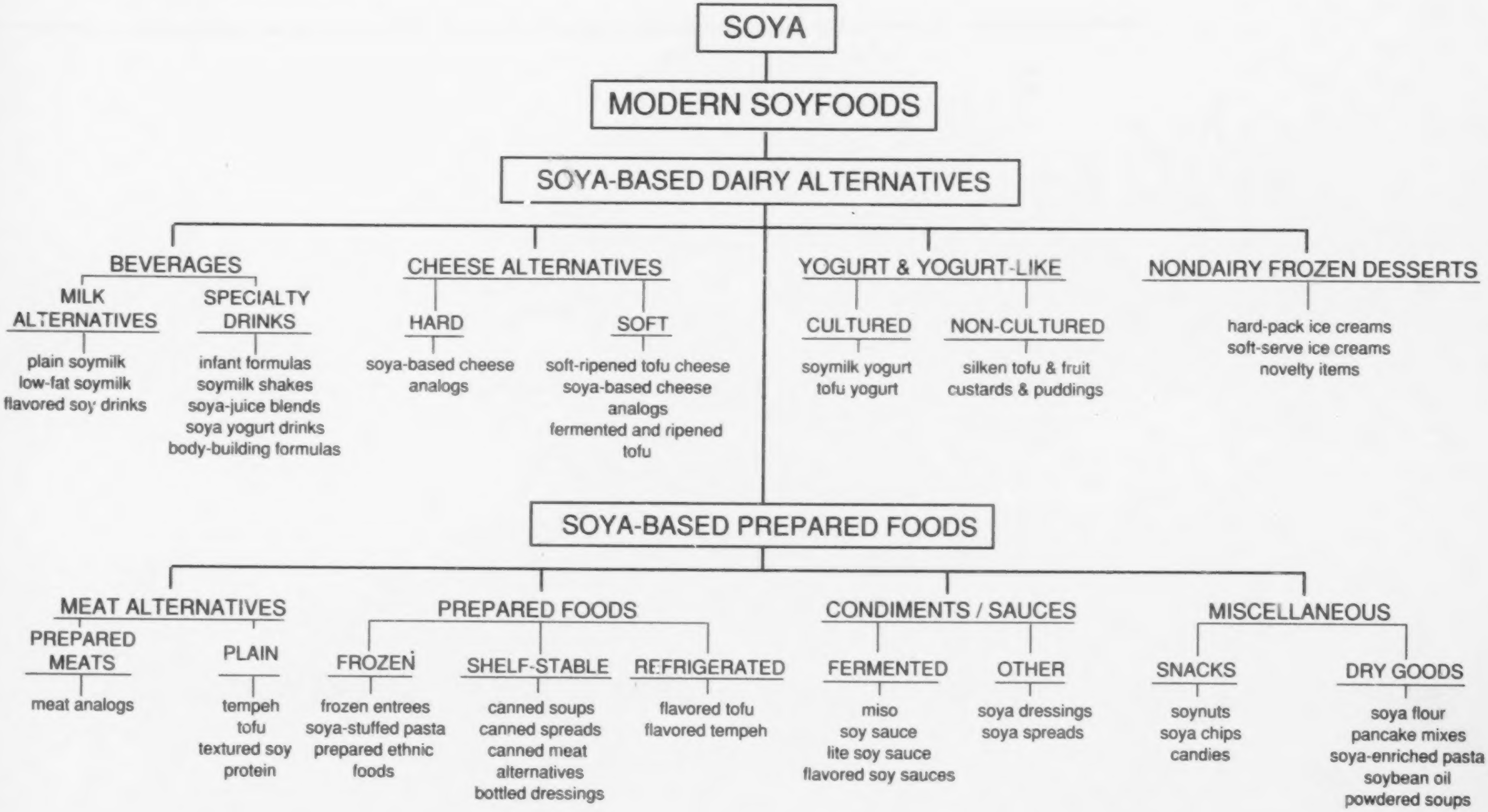
SOYBEANS

- OIL PRODUCTS
  - GLYCEROL
    - FATTY ACIDS
    - STEROLS
    - REFINED SOY OIL
    - SOYBEAN LECITHIN
  - REFINED SOY OIL
    - **Edible Uses**
      - Cooking Oils
      - Mayonnaise
      - Margarine
      - Pharmaceuticals
      - Salad Dressings
      - Salad Oils
      - Sandwich Spreads
      - Vegetable Shortening
      - Medicinals
      - Filled Milks
      - Coffee Whiteners
      - Creamers
      - Liquid Shortening
    - **Industrial Uses**
      - Caulking Compounds
      - Core Oils
      - Disinfectants
      - Electrical Insulation
      - Insecticides
      - Fungicides
      - Herbicides
      - Pesticides
      - Linoleum Backing
      - Oiled Fabrics
      - Printing Inks
      - Protective Coatings
      - Plasticizers
      - Putty
      - Soap
      - Tin & Terne Plate Oils
      - Waterproof Cement
      - Wallboard Manufacturing
  - SOYBEAN LECITHIN
    - Emulsifying Agent
      - Bakery Products
      - Candy Products
      - Chocolate Coatings
      - Pharmaceuticals
    - Nutritional
      - Medical Use
      - Dietary Use
    - Anti-Spattering Agent
      - Margarine Manufacture
    - Stabilizing Agent
      - Shortening
    - Anti-Foam Agent
      - Yeast Manufacture
      - Alcohol Manufacture
    - Dispersing Agent
      - Paint Manufacture
      - Ink Manufacture
      - Insecticides
      - Rubber Manufacture
    - Wetting Agent
      - Cosmetics
      - Pigments (paint)
      - Calf Milk Replacers
- WHOLE SOYBEAN PRODUCTS
  - WHOLE GREEN SOYBEANS
  - BAKED SOYBEANS
  - SEED
  - SOY SPROUTS
  - STOCK FEEDS
  - FULL FAT SOY FLOUR
    - Bread
    - Candy
    - Doughnut Mix
    - Frozen Desserts
    - Pancake Flour
    - Pan Grease Extender
    - Pie Crust
    - Sweet Goods
    - Low-Cost Gruels
    - Instant Milk Drinks
  - ROASTED SOYBEANS (SOYNUTS)
    - Candy Ingredient
    - Confection
    - Cookie Ingredient
    - Cookie Topping
    - Cracker Ingredient
    - Fountain Topping
    - Soy Coffee
    - Soynut Butter
    - Dietary Items
  - TRADITIONAL SOYFOODS
    - Tofu
    - Soymilk
    - Miso
    - Tempeh
    - Soy Sauce
    - Natto
- SOYBEAN MEAL PRODUCTS
  - GRITS, SOY FLOUR, CONCENTRATES & ISOLATES
    - **Edible Uses**
      - Bakery Ingredient
      - Alimentary Pastes
      - Noodles
      - Meat Products
      - Cereals
      - Prepared Mixes
      - Food Drinks
      - Baby Food
      - Hypo-Allergenic Milk
      - Confections
      - Candy Products
      - Special Diet Foods
      - Meat Analogs
    - **Industrial Uses**
      - Adhesive
      - Plywood
      - Wallboard
      - Insecticidal Sprays
      - Particle Board
      - Tape Joint Cements
      - Linoleum Backing
      - Texture Paints
      - Nutrient
      - Yeast
      - Antibiotic
      - Beer & Ale
  - FEED USES
    - Calf Milk Replacers
    - Livestock Feeds
    - Poultry Feeds
    - Protein Concentrates
    - Pet Foods
    - Fox & Mink Feeds
    - Fish Food

Soya Products

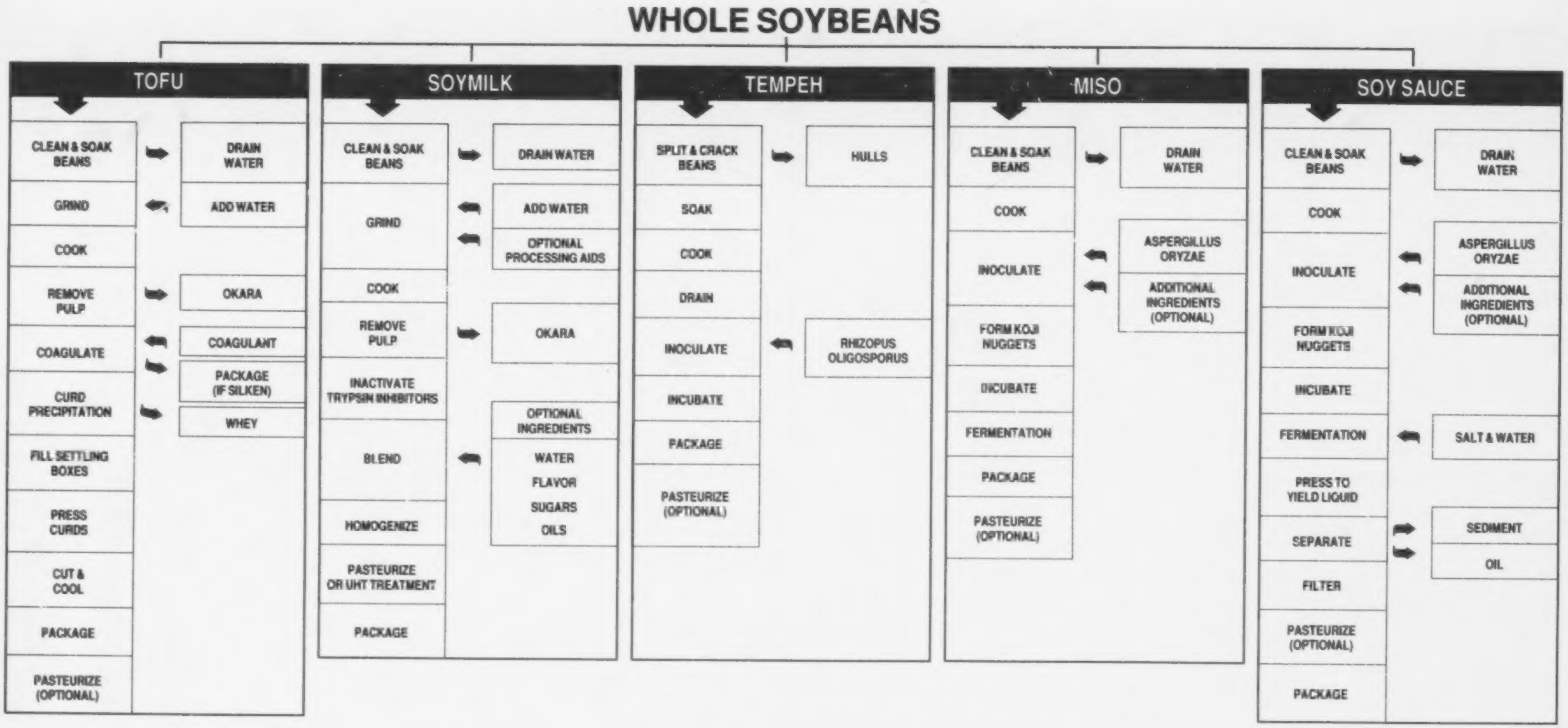
Courtesy of the American Soybean Association

Modern Soyfoods


SOYA
MODERN SOYFOODS
SOYA-BASED DAIRY ALTERNATIVES
BEVERAGES
MILK ALTERNATIVES
plain soymilk
low-fat soymilk
flavored soy drinks
SPECIALTY DRINKS
infant formulas
soymilk shakes
soya-juice blends
soya yogurt drinks
body-building formulas
CHEESE ALTERNATIVES
HARD
soya-based cheese analogs
SOFT
soft-ripened tofu cheese
soya-based cheese analogs
fermented and ripened tofu
YOGURT & YOGURT-LIKE
CULTURED
soymilk yogurt
tofu yogurt
NON-CULTURED
silken tofu & fruit
custards & puddings
NONDAIRY FROZEN DESSERTS
hard-pack ice creams
soft-serve ice creams
novelty items
SOYA-BASED PREPARED FOODS
MEAT ALTERNATIVES
PREPARED MEATS
meat analogs
PLAIN
tempeh
tofu
textured soy protein
PREPARED FOODS
FROZEN
frozen entrees
soya-stuffed pasta
prepared ethnic foods
SHELF-STABLE
canned soups
canned spreads
canned meat alternatives
bottled dressings
REFRIGERATED
flavored tofu
flavored tempeh
CONDIMENTS / SAUCES
FERMENTED
miso
soy sauce
lite soy sauce
flavored soy sauces
OTHER
soya dressings
soya spreads
MISCELLANEOUS
SNACKS
soynuts
soya chips
candies
DRY GOODS
soya flour
pancake mixes
soya-enriched pasta
soybean oil
powdered soups

Traditional Soyfoods

Please Note: Diagrams represent simplified renditions of traditional manufacturing processes. There are many other methods used today to manufacture all of these products.


WHOLE SOYBEANS
TOFU
CLEAN & SOAK BEANS
DRAIN WATER
GRIND
ADD WATER
COOK
REMOVE PULP
OKARA
COAGULATE
COAGULANT
PACKAGE (IF SILKEN)
CURD PRECIPITATION
WHEY
FILL SETTLING BOXES
PRESS CURDS
CUT & COOL
PACKAGE
PASTEURIZE (OPTIONAL)
SOYMILK
CLEAN & SOAK BEANS
DRAIN WATER
GRIND
ADD WATER
OPTIONAL PROCESSING AIDS
COOK
REMOVE PULP
OKARA
INACTIVATE TRYPSIN INHIBITORS
BLEND
OPTIONAL INGREDIENTS
WATER
FLAVOR
SUGARS
OILS
HOMOGENIZE
PASTEURIZE OR UHT TREATMENT
PACKAGE
TEMPEH
SPLIT & CRACK BEANS
HULLS
SOAK
COOK
DRAIN
INOCULATE
RHIZOPUS OLIGOSPORUS
INCUBATE
PACKAGE
PASTEURIZE (OPTIONAL)
MISO
CLEAN & SOAK BEANS
DRAIN WATER
COOK
INOCULATE
ASPERGILLUS ORYZAE
ADDITIONAL INGREDIENTS (OPTIONAL)
FORM KOJI NUGGETS
INCUBATE
FERMENTATION
PACKAGE
PASTEURIZE (OPTIONAL)
SOY SAUCE
CLEAN & SOAK BEANS
DRAIN WATER
COOK
INOCULATE
ASPERGILLUS ORYZAE
ADDITIONAL INGREDIENTS (OPTIONAL)
FORM KOJI NUGGETS
INCUBATE
FERMENTATION
SALT & WATER
PRESS TO YIELD LIQUID
SEPARATE
SEDIMENT
OIL
FILTER
PASTEURIZE (OPTIONAL)
PACKAGE

SOYFOODS — Composition and Nutrient Content

Proximate Composition and Selected Nutrient Content of Various Soyfoods in 100 g. Edible Portions*

SOYFOOD	Water g	Kcal	Protein (N X 5.71) g	Fat g	Carbo-hydrate g	Crude Fiber g	Calcium mg	Iron mg	Zinc mg	Thiamin mg	Riboflavin mg	Niacin mg	Vitamin B6 mg	Folacin mcg
MISO	41.5	206	11.8	6.1	28.0	2.5	66	2.74	3.32	0.10	0.25	0.86	0.22	33.0
NATTO	55.0	212	17.7	11.0	14.4	1.6	217	8.60	3.03	0.16	0.19	0.00	n/a	n/a
OKARA, fiber by-product of soymilk/tofu	81.6	77	3.2	1.7	12.5	4.1	80	1.30	n/a	0.02	0.02	0.10	n/a	n/a
SOY FLOUR, Defatted	7.3	329	47.0	1.2	38.4	4.3	241	9.24	2.46	0.70	0.25	2.61	0.57	305.4
SOY FLOUR, Full-fat, raw	5.2	436	34.5	20.6	35.2	4.7	206	6.37	3.92	0.58	1.16	4.32	0.46	345.0
SOY FLOUR, Full-fat, roasted	3.8	441	34.8	21.9	33.7	2.2	188	5.82	3.58	0.41	0.94	3.29	0.35	227.4
SOY FLOUR, Low-fat	2.7	326	46.5	6.7	38.0	4.2	188	5.99	1.18	0.38	0.29	2.16	0.52	410.0
SOY MEAL, Defatted, raw	6.9	339	45.0	2.4	40.1	5.8	244	13.70	5.06	0.69	0.25	2.59	0.57	302.6
SOY PROTEIN CONCENTRATE	5.8	332	58.1	0.5	31.2	3.6	363	10.78	4.40	0.32	0.14	0.72	0.13	340.0
SOY PROTEIN ISOLATE	5.0	338	80.7	3.4	7.4	0.3	178	14.50	4.03	0.18	0.10	1.44	n/a	176.0
SOY SAUCE, from HVP	75.7	41	2.4	0.1	7.7	0.0	5	1.49	0.31	0.04	0.11	2.83	0.14	13.0
SOY SAUCE, from soy (tamari)	66.0	60	10.5	0.1	5.6	0.0	20	2.38	0.43	0.06	0.15	3.95	0.20	18.2
SOY SAUCE, from soy and wheat (shoyu)	71.1	53	5.2	0.1	8.5	0.0	17	2.02	0.37	0.05	0.13	3.36	0.17	15.5
SOYBEANS, Cooked, boiled	62.6	173	16.6	9.0	9.9	2.0	102	5.14	1.15	0.16	0.29	0.40	0.23	53.8
SOYBEANS, Dry-roasted	0.8	450	39.6	21.6	32.7	5.4	270	3.95	4.77	0.43	0.76	1.06	0.23	204.6
SOYBEANS, Raw	8.5	416	36.5	19.9	30.2	5.0	277	15.70	4.89	0.87	0.87	1.62	0.38	375.1
SOYBEANS, Roasted	2.0	474	35.2	25.4	33.6	4.6	138	3.90	3.14	0.10	0.15	1.41	0.21	211.0
SOYMILK, Fluid	93.3	33	2.8	1.9	1.8	1.1	4	0.58	0.23	0.16	0.07	0.15	0.04	1.5
TEMPEH	55.0	199	19.0	7.7	17.0	3.0	93	2.26	1.81	0.13	0.11	4.63	0.30	52.0
TOFU, Raw, firm	69.8	145	15.8	8.7	4.3	0.2	205	10.47	1.57	0.16	0.10	0.38	0.09	29.3
TOFU, Raw, regular	84.6	76	8.1	4.8	1.9	0.1	105	5.36	0.80	0.08	0.05	0.20	0.05	15.0

*Source: Composition of Foods: Legume and Legume Products. United States Department of Agriculture, Human Nutrition Information Service, Agriculture Handbook Number 8-16. Revised December 1986.
Please note that the proximate composition of soyfoods shown here may differ significantly from accepted industry standards.
n/a = data not listed or available

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- ☐ Soyfoods Manufacturer/Marketer
- ☐ Soybean Supplier
- ☐ Other Soya-based Product Manufacturer/Marketer
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- **Comprehensive Index of Companies and Categories** 226

  Companies represented in Regular Type

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  Categories represented in *Italics*

  Tables and Graphs represented in *Italics* with *(T)* or *(G)*
- **Advertiser Index** 238

  Advertising companies and advertisment page numbers

Comprehensive Index

A

A-Lert Corporation ... 161
A.D.M. Agri-Industries, Ltd. ... 62
A.D.M. Erith Ltd. ... 65
A.D.M. Europoort B.V. ... 78
A.D.M. Oelmuehlen GmbH ... 67
A.D.M. Oelwerke Spyck ... 67
A.G.M.E. International Enterprise Corp. ... 161
Aarhus Oliefabrik A/S ... 64
AB Winner ... 82
Abel Manufacturing Company, Inc. ... 161
Abel, Daft & Earley ... 161
ABIOVE—Associação Brasileira das Inds. Oleos Vegetais ... 12
Abrasion Engineering, Inc. ... 161
Aceitera General Deheza S.A. ... 60
Aceitera Matamoros, S.A. de C.V. ... 76
Aceites del Caribe S.A. ... 63
Aceites del Mayo S.A. de C.V. ... 76
Aceites Industriales El Zapote ... 76, 159
Aceites Vegetales S.A. (ACEVESA) ... 81
Aceites y Derivados del Pacifico S.A. ... 76
Aceites y Proteias S.A. (ACEPROSA) ... 81
ACEPROSA ... 81
ACI Industries, Ltd. ... 152, 162
ACSAL S.A. ... 82
Adasco, Inc. ... 162
ADI International Inc. ... 153
Advance Foods, Inc. ... 158
Advanced Foods Systems ... 162
Aeration Equipment
See Conditioners & Coolers; Dryers, Grain; Dryers, Meal ... 108, 116
Aeroglide Corporation ... 162
Ag Marketing Services, Inc. ... 162
Ag Processing Inc. ... 84
Ag-Bag Corporation ... 162
Ag-Data, Inc. ... 162
Agitators, Liquid ... 103
Agmet Metals, Inc. ... 162
Agra Erectors, Inc. ... 162
Agri-View ... 162
Agriculture & Fishery Marketing Corp. ... 16
Agrimar S.r.l. ... 72
AGRIMPEX Trading Company Ltd. ... 15, 69
Agro Company of Canada Ltd. ... 62
Agro Servicios Ragasa, S.A. de C.V. ... 77
Agrokomplex Central Soya Takarmanyozastechnologiai Egyuttmukodes ... 15
Agrokor,Tvornica za Preradu Soje ... 97
Agromaule Ltda. ... 63
Agronico Inc. ... 84
Air Classifiers ... 103
Akzo Chemicals ... 67
Al-Quadri International ... 61
Alabama State Docks Public Grain Export Elevator ... 162
Albert Lea Seed House ... 84
Alfa-Laval Beverage Systems A.B. ... 161
Alfa-Laval Equipamentos Ltda. ... 153
Alfa-Laval Fats & Oil Systems AB ... 161
Alfa-Laval South East Asia Pte. Ltd. ... 160
Algemene Oliehandel (AOH) ... 78
ALIDOC ... 66
Alimentos Antillanos N.V. ... 79
Alimentos Concentrados Nacionales, S.A. (ALCON) ... 69
Alimentos S.A. ... 69
Alkali Suppliers
See Caustic/Alkali Suppliers ... 106
All-State Belting Company ... 162
Allana Oil Mills ... 70
Aloha Tofu Factory Inc. ... 84
Alpine Solvex Limited ... 70
Alpro N.V. ... 61
Amafilter B.V. ... 159
Amber, Inc. ... 84
Ambrosia Oils (1976) Ltd. ... 64
American Association of Cereal Chemists (AACC), The ... 19
American Colloid Company ... 162
American Commercial Barge Line Company ... 162
American Drying Systems, Inc. ... 162
American Farm Bureau Federation ... 19
American Feed Industry Association, Inc. ... 19
American Feed Ingredients, Inc. ... 84
American Food Company ... 84
American Institute of Food Distribution ... 19
American Lecithin Company ... 84, 162
American Miso Company, The ... 84
American Natural Snacks, Inc. ... 85
American Oil Chemists' Society (AOCS) ... 19
American Phytopathological Society (APS), The ... 19
American Pride Soyfoods, Inc. ... 85
American Soy Products ... 85
American Soybean Association (ASA) ... 19
American Soybean Association — West Europe ... 12
American Soybean Association — Central Europe ... 12
American Soybean Association — Commonwealth of Independent States ... 18
American Soybean Association — Japan ... 16
American Soybean Association — Mexico & Caribbean Basin ... 16
American Soybean Association — Middle East and Africa ... 13
American Soybean Association — North Europe ... 14
American Soybean Association — People's Republic of China ... 13
American Soybean Association — South Asia ... 18
American Soybean Association — South Korea ... 16
American Soybean Association — Spain and Portugal ... 18
American Soybean Association — Taiwan ... 18
American Soybean Association — South America & Caribbean Basin ... 22
AMLON Metals Inc. ... 162
Amrit Protein Foods Ltd. ... 70
Anacon ... 162
Analytical Laboratories ... 103
Analytical Laboratory Equipment ... 104
ANAVI ... 14
Anderson Clayton ... 76
Anderson International Corp. ... 162
Andreotti Impianti S.p.A. ... 158
Andrews Feeds (Malta) Ltd. ... 76
Andritz Sprout Bauer, Inc. ... 162
Animal/Livestock Feed ... 24
Anti-Caking Agents ... 104
Antioxidants ... 104
Anupam Extractions Ltd. ... 70
APM Technology Inc. ... 162
Applikon Dependable Instruments BV ... 159
APV Crepaco, Inc. ... 162
APV DTD, Soya Technology Division ... 154
Aramburu, Enrique J. ... 60

Archer Daniels Midland Company 85
Argentine Soybean Area, Yield and Production by Province (T) 184
Argentine Soybeans & Products: Supply and Disposition (T) 191
Arista Industries, Inc. 86, 162
Arkansas Soybean Association 19
Arrowhead Marketing Services Inc. 162
Arrowhead Mills, Inc. 86
Artisan Industries, Inc. 162
Asahi Industries Company, Ltd. 73
Ashland Soy Works 86
ASI Instruments, Inc. 162
Asia Protein Company, Ltd. 73
Asian Vegetable Research and Development Center (AVRDC), The 18
Asociacion de Ganaderos de El Salvador (AGES) 13
Asociacion Española de Fabricantes de Margarina 18
Asociacion Mexicana de Especialistas en Nutricion Animal, A.C. 16
Asociacion Nacional de Industriales de Aceites y Mantecas 17
Aspirators 104
Associaçao Portuguesa dos Industriais de Alimentos Compostos para Animais (I.A.C.A.) 18
Associated Laboratories 163
Association Internationale de la Savonnerie et de la Detergence (AIS) 12
Association of American Feed Control Officials (AAFCO) 20
Association of American Feed Control Officials, Inc. (AAFCO) Official And Tentative Definitions Of Feed Ingredients 215
Association Professionnelle des Fabricants d'Aliments Composes 12
Associazione Italiana Dell'Industria Olearia (ASSITOL) 15
Atomergic Chemetals Corporation 86, 163
Auro Technology Inc. 163
AUS Consultants - IAG 163
Austin Company - Process Division, The 163
Automatic Equipment Mfg. Company 163
Automatic Samplers 104
Autoprod, Inc. 163
Avatar Corporation 86
Avicultores y Productores El Calvario S.A. de C.V. (APECSA) 76
Azumaya Inc. 86

B

B.N.W. Industries 163
Bacon, Inc., Charles V. 163
Bags, Bagging Equipment 105
Baker & Bro., Inc., H. J. 86
Baker Rullman Mfg. Inc. 163
Banamex, S.N.C. 159
Banque National de Developpement 19
BAR N.A., Inc. 86, 163
Barge Line
See Freight Line, Barge 122
Barricini Foods, Inc. 86
Bartlett and Company 86, 163
Bauermeister & Company, Gebruder 156
Bean Machines, Inc. 163
Beard Industries 163
Becker Associates Inc., Ken 163
Behlen Mfg. Co. 163
Benson-Quinn Company 86, 163
BEOCO Limited 65
BEPEX 163
Berrydales Ltd. 65
Best Foods, CPC International, Inc. 86
Betsy's Tempeh 86
Bhavnagar Vegetable Products Unit 70
Bindicator 163
Biofix Corporation 86
Biotrek S.A. 69
Bleaching & Filtering Equipment 105
Bleaching Clays/Earths 105
Bock Engineered Products, Inc. 163
BOCM Silcock Ltd. 65
Bollheimer & Associates, Inc. 163
Bombay Oilseeds & Oils Exchange Ltd., The 15
Borton, Inc. 163
Bountiful Bean Soyfoods 86
BPM Industries 163
Brabender Instruments, Inc., C. W. 163
Brazilian Exports of Soybeans and Products to Major Countries (T) 202
Brazilian Soybean Area, Yield and Production by State (T) 184
Brazilian Soybeans & Products: Supply and Disposition (T) 191
Breuer GmbH Food Agency, Georg 67
Brian and Associates, Ross 163
Brimmekamp & Company, Inc., Carl G. 164
Brinkmann Instruments, Inc. 164
British Arkady Company Ltd., The 65
Brock & Associates, Richard A. 164
Brökelmann & Company, Oelmühle GmbH & Company 67
Broker, Cash/Product 24
Brown Seed Enterprises 86
Bruker Spectrospin Canada Ltd. 153
Buhler Inc. 164
Buildings, Flat Storage 105
Bulk Liquid Storage
See Storage, Bulk Liquid 141
BULOG (National Logistic Agency) 15
Bunge Corporation 86
Bunge Foods 86
Bunge Iberica S.A. 81
Business Trend Analysts, Inc. 164
Buss (America), Inc. 164
Buss SMS GmbH Verfahrenstechnik 156
Byron Agricultural Company Pty. Ltd. 152

C

C & T Refinery, Inc. 87
Cabotage Trading Company, Inc. 87
Cake & Oil Products Pvt. Ltd. 79
Calcutta Rolls Manufacturing Co., M/S 157
Caleb Brett Nederland B.V. 159
Caleb Brett U.S.A., Inc. 164
Calgene Chemical, Inc. 87
California Pellet Mill Company (CPM) 164
Callahan Enterprises, Inc. 87
Calsicat 164
CAMECO Industries, Honiron Division 164
Campro Agra Limited 153
Canada Packers Inc. 62
Canadian Soybean Production (T) 185
Canadian Soybean Production and Utilization (T) 185
Cantrell Company, W. C. 164
Cardinal Scale Manufacturing Company 164
Cardowan Creameries Ltd. 80
Cargill Agricola S.A. 62
Cargill Analytical Services 164
Cargill B.V. 78
Cargill España, S.A. 81
Cargill Investor Services 164
Cargill Processing Ltd. 60
Cargill S.A.C.I. 60
Cargill Soya France 66
Cargill UK Ltd. 65
Cargill, Inc. 87
Carter Day Company 164
Carter Day Industries (Canada), Ltd. 153
Carter Manufacturing Company, Inc. 164
Carver, Inc. 164
Catalysts, Hydrogenation 106
Cauldron Foods Ltd. 65
Caustic/Alkali Suppliers 106
Cedar Heights Clay Company 164
Cemac Foods Corporation 87
Central Soya (France) S.A. 66
Central Soya Company, Inc. 87, 88

Central Soya of Canada Ltd. 63
Central Soya Overseas B.V., Chemurgy Div. 78, 159
Central Soyfoods 88
Central Valley Vegetable Oils 88
Centre de Recherche Industrielle du Quebec (CRIQ) 13
Centre Technique Interprofessionnel des Oleagineux Metropolitains (CETIOM) 14
Centrico, Inc. 164
Centrifuges 106
Centro de Investigación y Desarrollo en Criotechnologia de Alimentos (CIDCA) 12
CENTROPROM Export-Import 98
CEREOL Benelux B.V. 78
Cereol Deutschland GmbH 68
Cereol Iberica, S.A. 81, 160
CEREOL Italia S.r.l. 72
Chamorro Industrial S.A., E. ...64, 79
Champlain Industries Ltd. 63
Champlain Industries, Inc. 88
Chantland Company, The 164
Charlie Lin's Vitalite Foods 88
Cheil Food & Chemical Company, Ltd. 75
Chem-Staat Laboratories, Inc. 164
Chemical Refining/Neutralization Equipment
  See Refining/Neutralization Equipment, Chemical 134
Chempro (Pty) Ltd. 81
Cherry-Burrell, Process Equipment Div. 164
Cherwell Ralli Europe 66
Cherwell Valley Silos Ltd. 65
Chew International 88, 164
Chicago & North Western Transportation Company 165
Chicago Board of Trade 165
Chief Industries, Inc. 165
Chronos Richardson, Inc. 165
Chrystal Company, Inc., Charles B. 165
CICAM S.R.L. 72, 158
Cimbria Unigrain Ltd. A/S 64, 154
Clays, Bleaching
  See Bleaching Clays/Earths 105
Cleaners, Commercial Grain
  See Commercial Grain Cleaners 106
Cleaning/Sanitizing Equipment & Supplies 106
Cleary Products, Inc., W. A. 88
Clofine Dairy & Food Products, Inc. 88
CMA Inc. 165
Coagulants for Tofu....................106
Coallier Publishing Company 165
COAMO Ltd. 62
Codema, Inc. 165
COGRA Lever S.A. 64
Colfax of Philadelphia, Inc. 88
Colfax, Inc. 88
Commercial Grain Cleaners 106
Commercial Oilseeds Producers' Association 22
Commercial Soybean Breeders 20
Commodity News Wires
  See News Wires, Commodity ..130
Commonwealth Marketing & Development 165
Compagnia Continentale Italiana S.p.A. 72
Compagnie Cargill S.A. 66
Compania Continental S.A. 60
Compania Industrial y de Abastecimientos S.A. (CINDASA) 81
Compania Numar S.A. 64
Compañia Panameña de Aceites, S.A. 79
Computer Process Control, Hardware 106
Computer Process Control, Programming 107
Computer Process Control, Software 107
Concentrates
  See Soy Protein Concentrates 33
Condensers, Solvent Recovery......107
CONDIMENTA Dr. E. Rendlen GmbH 68
Conditioners & Coolers 108
Connell & Company 88, 165
Consejo Nacional de Produccion (CNP) 13
Consolidated Grain and Barge Company 88, 165
Consolidated Rail Corporation (CONRAIL) 165
Consorcio Oleaginoso Portuguesa S.A. (COPOSA) 97
Construction Contractors, Complete Plants 108
Construction Contractors, Protein Plants 108
Consultants, Plant Layout 111
Consultants, Equipment 109
Consultants, Industrial Processes 109
Consultants, Marketing 110
Consultants, Product Development 111
Continental Agra Grain Equipment, Inc. 165
Continental Air Systems 165
Continental de Oleos Vegetais 62
Continental Grain Company 88
Continental Grain Company, Processing Division 88
Continuous Screw Presses
  See Presses, Continuous Screw...................130
Contract Research Pilot Scale 112
Control Enterprises, Inc. 165
Control Instruments 112
Conveyors Drag or en Masse 112
Conway Oil Company....................88
Cookers/Extruders/Roasters......114
Cooking/Salad Oil........................24
Coolers
  See Conditioners & Coolers 108
Cooperativa Central Agropecuária Campos Gerais Ltda. 62
Cooperative des Agriculteurs de Bretagne (COOPACRI-BRETAGNE) 66
Cooperative Elevator of Greenwood 88, 165
Core Team, The 165
Costruzioni Meccaniche Bernardini S.p.A. 158
Cottor International 157
Cottry & Company S.A., N.V. 61
Country Brand Seeds, Inc. 88
Country Farmhouse Soya Products 73
Country Grown Foods 88, 165
CP Instrument Company Ltd. 155
Cracking Equipment
  See Flaking & Cracking Equipment................122
CRI-MET 165
Cricklewood Soyfoods 88
Crippen Manufacturing Company, Inc. 165
Crown Iron Works Company 165
Crude Degummed Soybean Oil
  See Soybean Oil, Crude Degummed 39
Crude Oil Storage Tanks
  See Tanks, Crude Oil Storage....141
Crude Soybean Oil
  See Soybean Oil, Crude 38
CSP Foods Ltd. 63
CSX Transportation 165
Cudahy Inc., Patrick 88
Curtis & Tompkins Laboratories 165
Custom Food Products, Inc. 88

D

D.C.A. Services Inc. 89
Dabney-Hoover Supply Company, Inc. 165
Dae Han, Inc. 89
Dairyland Products, Inc. 89
Dairyland Seed Company, Inc. 89, 166
DAMAS A.S. 155
Damman-Croes S.A. 152
Dantec Systems Corporation 154
Davenport Machine & Foundry Company 166
Davy Bamag GmbH 156
Davy Dravo 166
Day Company, J. H. 166
De Hobbit 61
De Smet (Engineering) S.E. Asia Pte. Ltd. 160
De Smet (Malaysia) Sdn. Bhd. 159
De Smet Chemfood Engineering Pvt. Ltd. 157
De Smet Do Brasil S.A. 153
De Smet Egypt 155

De Smet Engineers & Contractors S.A. ...152
De Smet Espana S.A. ...160
De Smet Mexico S.A. de C.V. ...159
De Smet Process & Technology, Inc. ...166
De Smet Rosedowns Ltd. ...155
De Smet S.A.I.C. ...152
Dedert Corporation ...166
Degumming Equipment ...114
Dehulling Equipment ...114
DeKalb Pfizer Genetics ...89
Dekker International, Jan ...159
Delmhorst Instrument Company ...166
Delmon Poultry Company ...61
Delta & Pineland Company ...89
Denofa Og Lilleborg Fabriker, A/S ...79
Deodorization Equipment ...115
Derivados de Oleaginosas del Valle S.A. de C.V. ...76
Desolventizers, Flash Vapor
See Flake Desolventizers, Flash/Vapor ...120
Desolventizers, Normal
See Flake Desolventizers, Normal ...120
Deutsche Gesellschaft fur Ernahrung (DGE) ...14
Deutsche Gesellschaft fur Fettwissenschaft e.V. ...14
DICKEY-john Corporation ...166
Dindings Soya & Multifeeds Sdn. Berhad ...75
Dipak Vegetable Oil Industry Pvt. Ltd. ...70
Distillation Equipment, Fatty Acid
See Fatty Acid Distillation Equipment ...120
Distribuidora Veterinaria del Pacifico, S.A. de C.V. ...76
Divine Engineering, Inc. ...166
DMV USA ...89
Do-Well Oil Plants Pvt. Ltd. ...157
Doane Agricultural Services Company ...166
Dong Bang Corporation ...75
Dosi & Associates ...157
Down River International, Inc., Transit Protection Division ...166
Dr. Chung's Foods Company, Ltd. ...75
Drake Petroleum Company ...166
Dreyfus Corp., Louis ...89, 166
Dryers, Grain ...116
Dryers, Meal ...116
Dryers, Oil ...116
Drying & Aeration Equipment
See Conditioners & Coolers; Dryers, Grain; Dryers, Meal; Dryers, Oil ...108, 116
DSO Zameni Hrani I Furazhna ...13
Dunn International, Ltd. ...89
Duriron Company, Inc., The ...166
Dust Control Systems & Supplies ...117
Duta Semesta Mukti, PT ...158
Dykes Sales & Service, Inc., J. R. ...166
Dynequip, Inc. ...166

E

Earths, Bleaching
See Bleaching Clays/Earths ...105
Eastman Chemical Company ...89, 166
Eaton & Son Sauce Co., Ltd. ...73
Edelsoja GmbH ...68
Eden Foods, Inc. ...89
Edible Soybean Oil Products
See Soybean Oil Products, Edible ...37
Edward & Sons, Inc., A. G. ...166
EEC Seed Crushers and Oil Processors Federation (FEDIOL) ...12
Egyptian National Vegetable Oils Extraction Corp. (ENVOCO), The ...65
Ehrich Seed Farms, Inc. ...89
Einhorn's Sons Ltd. ...72
Electrical Engineering & Equipment Company ...166
Electronic Sensors, Inc. ...166
Elevator & Silo Storage ...117
Elliott Automation Company, Inc. ...167
EMI Corporation ...167
Emirates Refining Company ...84
Empresa Nacional de Comercialización de Insumos (ENCI) ...17
Empresa Nicaraguenese de Alimentos Basicos (ENABAS) ...17
Emulsifiers ...118
Ener-G Foods, Inc. ...89
Energy Sprouts & Texas Tofu ...89
Engelhard Corporation ...167
Engelhard De Meern B.V. ...159
Engelhard Sutton ...160
Engelmann & Buckham Machinery Ltd. ...155
Engineering Services ...118
Ennis Ltd., A. W. ...72
Enterprise Consulting, Inc. ...167
Enterprise Foods ...167
EPE Incorporated ...167
Eppendorf North America, Inc. ...167
Equipment Consultant
See Consultants, Equipment ...109
Equipro Industrial Company Inc. ...160
ERDCO Engineering Corporation ...167
Escamilla Comisiones y Representaciones, J. L. ...76
ETAC Mercados ...153
EULIP S.R.L. ...72
Eulitt Company, Dick ...167
Europa Crown LTD. ...155
European Feed Manufacturers' Association (FEFAC) ...12
EUVEPRO ...12
Experience, Inc. ...167
Exporter of Soybeans and Soybean Products ...25
Extraction De Smet S.A. ...154
Extraction De Smet S.A., N.V. ...152
Extruders, See
Cookers/Extruders/Roasters ...114

F

Fabri-Kal ...167
Fabrica de Aceites la Favorita S. A. ...64
Fairbanks Scales ...167
Fandrich Supply Company ...89
Fantastic Foods, Inc. ...89
Farina Limited ...79
Farm & Dairy ...167
Farm Fans, Inc. ...167
Farmers Commodities Corporation ...89
Fasteen Company, R. W. ...167
Fat Splitters/Separators ...120
Fatty Acid Distillation Equipment ...120
Fatty Acids
See Soybean Fatty Acids ...34
Fearn Natural Foods ...89
Federation AMSOL ...14
Federation des Fabricants D'Huiles de Belgique ...12
Fédération du Négru Agricole (INAC) ...14
Federation of Oils, Seeds and Fats Associations Ltd., The (FOSFA International) ...13
FEECO International, Inc. ...167
Feed & Grain — Johnson Hill Press ...167
Feed Management ...167
Feed Manufacturer's Association ...22
Feed Service Company, Inc. ...89
Feedstuffs ...167
Ferrell-Ross ...167
Ferro Corporation ...167
Fiber Analyzers, See
Oil/Protein/Fiber Analyzers ...130
Fiber, Soy
See Soy Fiber ...30
Fibred, Inc. ...89
Filter Presses
See Presses, Filter ...132
Filtering Equipment
See Bleaching & Filtering Equipment; Presses, Filter ...105, 132
Fischbein Company ...167
Flake Desolventizers, Flash/Vapor ...120
Flake Desolventizers, Normal ...120
Flakes, Soy (Full Fat)
See Soy Flakes, (Full Fat) ...30
Flakes, White For Edible Purposes
See White Flakes for Edible Purposes ...46
Flaking & Cracking Equipment ...122
Florida Industrial Filters, Inc. ...167
Flour & Food Ltd. ...70
Flow Measurement ...122
Fluor Daniel Siting & Consulting Services ...167
FMC Corporation ...167
FMC Corporation, Chemical Products Group ...167
FMI - Fluid Metering, Inc. ...167
Fong-Mao Industries Company Ltd. ...83
Food and AgroSystems Inc. ...167

Food Industry Research & Development Institute 161
Food Ingredients (Minnesota) Inc. .168
Food Ingredients, Inc. 89, 168
Food Plant, The 89
Food Protein R&D Center............168
Foods Fats & Fertilisers Ltd..........70
Fõreningen Svenska Margarintillverkare 18
Forsbergs, Inc............................168
Four-B Elevator Components Ltd. ..168
Fox Testing Laboratories, Inc. 168
Foxboro Company, The 168
Fractionated Soybean Oil See Soybean Oil, Fractionated ..40
Fractionation Equipment.............122
Fractionnement Tirtiaux, S. A....152
Frain Industries, Inc. 168
Frank, Fa. L.I. 78
Franz Kirchfeld GmbH & Company KG 156
Fraser & Neave (Singapore) Pte. Ltd. 80
Freight Line, Barge.....................122
Freight Line, Ocean....................122
Freight Line, Railroad Company ..123
Freight Line, Trucking.................123
French Oil Mill Machinery Company, The 168
Fresh Tofu Inc. 89
Fritz Homann Lebensmittelwerke GmbH & Company K.G. 68
Frozen Desserts See Nondairy Frozen Desserts ..29
Fru-Con Engineering Inc. 168
Fuji Oil Company, Ltd. 73
Fuji Oil Company, Ltd., Han-nan Factory 73
Fuji Oil Company, Ltd., Kobe Factory 73
Full Fat Soy Flour See Soy flour, Full Fat...............31
Full of Beans 65
Fumigants 123
Fwu Sow Grain Products Company, Ltd. 83

G

G & T Commodities, Inc. 89
GA Expertise Inc. 168
GABONA Co. Ltd. 15, 157
GAFTA Soya Bean Meal Futures Association, Ltd., The 13
Gage Industries, Inc...................168
Galactina Ltd. 82
Galaxy Cheese, Soyco Foods Div.....89
Gardner Smith Pty. Ltd. 60
Garnac Grain Company, Inc. 89
Gateway Food Products Company ...89
Geldermann, Inc. 168
Gem Industries Inc.....................168
General Authority for Supply Commodities 13
General Electric Company...........168
General Foods Limited 70
General Resource Corp. 168
General Spice, Inc. 89
Generichem Corporation.............168
GENEX Corporation 158
GENEX New York Inc. 168
Gerstenberg & Agger A.S. 155
Gillain & Co. N.V. 152
GMB Proteins 65
Golden Key Farms, Inc. 90
Golden Pacific, Inc. 90
Goods Inc./Mainland Oriental Express 90
Goodwin Engineering & Trading, Inc. 161
Goorden N.V. 61
Goudsmit Magnetic Systems B.V ..160
Government of Ontario, Canada 20
Graan Elevator Maatschappy (G.E.M.) B.V. 160
Grace Company, W. R. 168
Grain Analyzers 123
Grain Cleaners, See Commercial Grain Cleaners 106
Grain Dryers See Dryers, Grain 116
Grain Elevator and Processing Society.....................................20
Grain Journal 168
Grain States Soya, Inc. 90
Grand Trunk Western Railroad Company 168
GRANEXPORT, Enterprise for the Wholesale Trade in Food Products 98
Granplex, Inc. 90
Grasas S.A.C 64
Grasas Vegetales S.A. (GRAVETAL) 64
Great Eastern Sun, Inc. 90
Great Wall Enterprise Company Ltd. 83
Green Spot (Thailand) Ltd. 83
Greenway Electric, Inc. 168
Greif Brothers Corp. 168
Grits, Soy See Soy Grits 32
Groen 168
Grupo Interamericano C.A. 97
Grupo Trasgo 76
Gurley Inc., Carl R. 90
Gusmer, Inc., A. 169
Gustafson, Inc. 169

H

H & S Systems of Decatur, Inc. ..169
H.F. Scientific 174
H.L.S. Ltd. 158
Haarmann & Reimer Corp. 169
Haldane Foods Ltd. 65
Haldor Topsøe A/S 155
Hall International, Howard 90
Hammermills 123
Hance Corporation, The 169
Harris & Sons, N. & M. 60
Hartz Seed Company, Inc., Jacob 90
Hascoët S.A. 66
Hawaiian Miso & Soy Company, Ltd. 90
Hayes & Stolz Industrial Manufacturing Company, Inc. ..169
Hayes General Technology Company Ltd. 72, 158
Heat Exchangers 123
Helena Chemical Company 90
Helix Conveyors Ltd. 155
Hendrix Voeders B.V. 78
Henke Machine Inc. 169
Henkel Corporation, Emery Group ...90
Herzog-Hart Corp. 169
Hidrogendora Nacional, S.A. de C.V. 76
Higashimaru Shoyu Company, Ltd. ..73
Higeta Shoyu Company, Ltd. 73
High Plains Journal 169
HiPro Food Products, Inc. 90
Hoecheong International Trading Company Ltd. 83
Holsum Foods 90
Homer Oil Co., Inc. 90
Homestyle Foods 90
Honen Corporation 73
Honeymead Products Company 90
Honeywell, Inc., Industrial Controls Division 169
Hong Guan Huat Kee 80
Horizon Trading Company Inc. 90
Horst, Inc., J. L. 169
Hosokawa Micron Division..........169
House Foods & Yamauchi, Inc. 90
House of Tsang 90
Houston Calco Inc. 90
Houston Tank Storage Company ...169
Howes Company, Inc., S. 169
HRANEXPORT 62
Hsiao-Kang By-Products Factory, TSC 83
Huber Corp. — Clay Division, J. M. 169
Hudson Tank Terminals Corporation 90, 169
Huileries de Meknes, Les 77
Hulls, Soybean See Soybean Hulls 34
HYBCO, U.S.A. 90, 169
Hydraulic Presses See Presses, Hydraulic 132
Hydrogen Generation Equipment ...124
Hydrogenated Soybean Oil See Soybean Oil, Hydrogenated...40
Hydrogenation Catalysts See Catalysts, Hydrogenation.....106
Hydrogenation Equipment 124

I

I-Tung Machinery Industry Company, Ltd. 161
Ibberson Company, T. E. 169
Ibberson Engineering, Inc. 169
Ibberson International, Inc. 169
IBEROL, S.A. 80
Identity Seed & Grain Company ... 90
Illinois Crop Improvement Association 20, 169
Illinois Foundation Seed 90
Importer of Soybeans & Soybean Products 26
INARI, Ltd. (International Nutrition & Resources, Inc.) 90
Indian Oil and Produce Exporters Association 15
Indiana Crop Improvement Association 20, 169
Indovita Proteins (P) Ltd. 70, 157
Indreni Soyabean Industries 78
Industria e Comercio de Oleos Vegetais S.A. (OLVEBRA) 62
Industrial Aceitera S.A. 76
Industrial de Alimentos, S.A. 76
Industrial Enterprises Company Ltd. 83
Industrial Erectors, Inc. 169
Industrial Filter & Pump Manufacturing Company 169
Industrial Laboratories 169
Industrial Metal Products Company, Inc. 169
Industrial Process Consultant
  See Consultants, Industrial Processes 109
Industrial Soybean Oil Products 27
Industrials Lavador, C. Por A. 64
Industrias Ales C.A. 64
Industrias de Aceite S.A. 61
Industrias J. B. Duarte S.A. 62
Industrie Chimiche Italia Centrale S.p.A. (ICIC) 72
Industrie-Technik GmbH 156
Industry General Corporation 170
Information Services
  See News Wires, Commodity; Publications/Informational Services 130, 133
Ingman Laboratories, Inc. 170
Innovex Nutrition 1989 Ltd. 79
Inspection Services 124
Inspection Services International 152
Insta Pro International, Ltd. 170
Institut National de Nutrition & Technologie Alimentaire 19
Institute of Edible Oil Foods 13
Institute of Food Technologists 20
Institute of Shortening and Edible Oils 20
Instituto de Mercadeo Agropecuario (IMA) 17
Instituto Regulardo de Abastecimientos 13
Instruments, Instrument Systems . 126
Interfood Deutschland Gmb 68
International Farmers Grain Inc. 91
International Federation of Margarine Associations (IFMA) 12
International Oil Mill Superintendents Association 20
International Proteins Corporation 91, 170
International Reserve Equipment Corp. 170
International Soybean Program (INTSOY) 20, 170
Iowa Soya 20
Iowa Soybean Association 20
Iowa Soybean Promotion Board 20
Iowa Testing Laboratories, Inc. 170
Island Spring, Inc. 91
Isolated Soy Proteins 27
Isolates
  See Isolated Soy Proteins 27
ISTA Mielke GmbH 156
Italiana Olii & Risi S.p.A. 72
Itoh & Company, C. (America) Inc. 91
Itoh & Company, Ltd., C. (Tokyo) 73
Ivarson, Inc., Len E. 170

J

Jabula Foods Ltd. 81
Jacobson Companies 170
Jai Exports 70, 157
Jai Kisan Agro Products 70
Jamaica Commodity Trading Company, Ltd. 15
Jamaica Soya Products Industries Limited 73
Japan Margarine, Shortening and Lard Industries Association 16
Japan Oilseed Processors Association 16
Japan Vegetable Protein Food Association 16
Jaymark, Division of Kenscott Ltd. 154
JFC International Inc. 91
JMS Seed Company 91
Johnson-Loft Engineers, Inc. 170
Journal of American Oil Chemists' Society 170

K

K-Testing Laboratory, Inc. 170
KALSEC, Inc. 170
Kalustian Associates, Inc., Peter 170
Kalyan Solvent Extractions Ltd. 70
Kamas Industri AB 161
Kane Investments, Ltd. 170
Kansas City Southern Lines 170
Kapaa Poi Factory 91
Karlshamns AB 82
Karlshamns USA Inc. 91
Kawanishi Shoko Co. Ltd. 158
Kawanishi Shoko Company, Ltd. 170
Kemper Securities Group 170
Khyber Agro (Pvt) Limited 79
Kice Industries, Inc. 170
Kikkoman Corporation 73
Kikkoman Foods, Inc. 91
King Agro, Division of Kingroup, Inc. 63
King Grain 63
Knight-Ridder Commodity Research Bureau 170
Koch Membrane Systems, Inc. 170
KOOSPOL A.S. 13
Korea Feed Association 16
Korean Soybean Curd Cooperative Federation 16
Korting Hannover AG 154, 156
Kraft Food Ingredients Corp. 91
Krishna Oil Extractions Ltd. (KOEL) 70
Krupp Maschinentechnik GmbH ... 156
KUOK Oils & Grains PTE, LTD 80

L

L.J.B. Enterprises, Inc. 91
La Polar, Fabrica de Aceite Hidrogenado y Manteca Vegetal S.A. 76
Lactosoy Agency, The 161
Laidig Industrial Systems 170
Lakeland Engineering Equipment Company 170
Landers Machine Company 170
Langston Company, Inc. 170
Laporte Absorbents 155
Laucks Testing Laboratories, Inc. 171
Lauhoff Grain Company 91
Law & Company 171
Leatherhead Food Research Association 14, 155
Lecanto Tofu Shop 91
Lecithin, Edible-Grade 28
Lecithin, Industrial-Grade 28
Lee Seed Company, Inc. 91
Lee Yeast Zambia Ltd. 98
Legume, Inc. 91
Leidahl Communications 171
Lembeck Associates, Inc. 171
Lever Brothers Company 91
Libra Laboratories, Inc. 171
Liga Mexico Panamericana Medico Educacional A.G. 76
Light Foods, Inc. 91
Lightlife Foods, Inc. 91
LIGHTNIN 171
LIMA France 66
Linnhoff March, Inc. 171
Lipid Systems International 171
Lipid Technology 155
Liquid Agitators
  See Agitators, Liquid 103
Liquid Filtration Consultants (LFC) 160
Litetrends 91

Little Company, O. H. 91
Livestock Feed
  See Animal/Livestock Feed.......24
Living Farms 91
Lloreda Grasas S.A. 64
Loading & Unloading Equipment, Barge 126
Loading & Unloading Equipment, Railroad 126
Loading & Unloading Equipment, Ship 126
Loading & Unloading Equipment, Truck 126
Lockhart Grain & Fertilizer Company, Inc. 91, 171
Loders Croklaan B.V. 78
Lou Ana Foods, Inc. 91
Loveland Industries, Inc. 91
LSP Refined Oil Company 70
Lucas Ingredients Ltd. 65
Lucas Meyer (UK) Ltd. 65
Lucas Meyer B.V. 78
Lucas Meyer France S.A. 66
Lucas Meyer GmbH & Company...68
Lucas Meyer N.V. 61
Lucas Meyer S.A. 81
Lucas Meyer SRL 73
Lucas Meyer, Inc. 91
Lumen Food Corporation 91
Lurgi Gas und Mineraloltechnik GmbH 156

M

M. P. Oil Extraction Ltd. 70
Macoex-Masiero Commercial Export Ltd. 153
Madras Oil and Seeds Association, The 15
Magyar Elelmezesipari Tudomanyos Egyesulet 15
MAHO Distribution 67
Mallet & Company, Inc. 92
Mallinckrodt, Inc. 171
Malwa Vanaspati & Chemical Company Ltd., The 71
Man International Futures, Inc., E. D. & F. 171
Mandarin Soy Sauce, Inc. 92
Mannesmann Comercial S/A 153
Margarinbolaget AB 82
Margarine
  See Soybean Oil Margarine 37
Margarine & Shortening Manufacturers' Association 14
Margarine Equipment 126
Margarine Packaging Equipment
  See Soyfoods Packaging Equipment & Supplies 137
Margarine-Institut für Gesunde Ernährung 14
Marketing Consultant
  See Consultants, Marketing 110
Marshall Labs, Inc. 171
Martin Sprocket & Gear, Inc. 171
Marubeni America Corporation 92
Marukin Shoyu Company, Ltd. 73
Marusan-Ai Company, Ltd. 73
Marx Ingenieurbüro, Ing. Hans ...156
Maschinenfabrik Reinartz GmbH & Co. KG 156
Masiero Industrial S.A. 153
Material Level Controls 128
Mathews Company 171
Matthews Foods PLC 66
Mayonnaise
  See Salad Dressing 29
Maywood Holdings, Inc. 92
MBS Inc. 92
McCullough & Company 171
Meadow Lea Foods 60
Meal Dryers
  See Dryers, Meal 116
Meal, Soybean
  See Soybean Meal 36
Measurement Systems International 171
Meat Analogs
  See Simulated Meat Products ...30
Mercantile Food Company 92, 171
Mercer Engineers, Inc. 171
Merchants Cold Storage Company 92, 171
Merrill Lynch 171
Mervo Products B.V. 78
Messina Associates 171
Metal Detection
  See Quality Control/Metal Detection 134
Metal Products International, Inc. ...171
Mezogazdasagi Kombinat 69
Miami Margarine Company 92
Micron Powder Systems 171
Mid Continent Laboratories, Inc. ...171
Mid-Atlantic & Virginia Soybean Associations 20
Mid-South Metric Components Company 171
Middle East Analog Technology 80
Midland Enterprises, Inc. 171
Midwest Soya International, Inc. ...92
Mighty Soy, Inc. 92
Mikropul Environmental Systems ..171
Milling Equipment Supplies, Spare Parts & Repair 128
Mills Brothers International, Inc. . 92, 172
Milltronics, Inc. 172
Ministerio de Recursos Naturales ...15
Ministry of Agriculture 19
Ministry of Agriculture & Natural Resources 17
Minnesota Soybean Growers Association 21
Minnesota Waxy 92
Miratrade International 63
Miso 29
Mississippi River Grain Elevator, Inc. 92, 172
Missouri Soybean Merchandising Council 21
Mitoku Company Ltd. 73, 158
Mitsubishi Chemical Industries, Ltd. ...74
Mitsubishi International Corp. 92
Mitsui & Co. (USA), Inc. 92
Miura Engineering Company, Ltd. ..159
Mixing Equipment Dry 128
Miyako Oriental Foods, Inc. 92
Mobarak & Company 65
Modern Soyfoods (Chart) 221
Moisture Testers 130
Molinos Rio de la Plata S.A. 60
Molinos Union del Yaqui S.A. de C.V. ..76
Moore & Associates, N. Hunt 172
Morinaga Nutritional Foods, Inc. ...92
Mostert Oilseeds BV 78
Motomco, Inc. 172
Mubarakiah Poultry & Feed Company 75
Mudurnu Tavukculuk A.S. 84
Mycal Group, Nichii Company of America, Inc. 92, 172

N

Nahrung Export-Import 14
Nash-Kinema, Inc. 172
Nasoya Foods 92
National Agricultural Library 21
National Association of Margarine Manufacturers (NAMM) 21
National Dryer Services, Inc. 172
National Food Authority 17
National Forge Company 172
National Grain Trade Council 21
National Livestock Cooperative Federation 16
National News Bureau 172
National Oilseed Processors Association (NOPA) 21
National Oil Seed Processors Association (NOPA) Trading Rules For The Purchase And Sale Of Soybean Meal, 1991-1992 213
National Oil Seed Processors Association (NOPA) Trading Rules For The Purchase And Sale Of Soybean Oil, 1991-1992 213
National Protein (PTY) LTD 81
National Sun Industries, Inc. 92
National Waterways Conference, Inc. 21
Nattermann Phospholipid GmbH, A. 68
Natural Foods Merchandiser 172
Natural Pacific Tofu 92
Natural, Inc. 92
Nav Maharashtra Chakan Oil Mills ..71
Nay Company, The 172
Ne-Tex Cooperative Oil Mill 92
Nebraska Soybean Program 21
Negociacion Industrial Santa Lucia S.A. 77
Neogen Corporation 172
Nestle (Thailand) Ltd. 83
Nestle, S.A. de C.V. 77

Neuero Corporation 172
New Jersey Feed Lab, Inc. 172
New Jersey Soybean Industry Advisory Council 22, 172
News Wires, Commodity 130
Nichil Company of America, Inc., Mycal Group 92, 172
Nicolet Instrument Corporation 172
Nidera Argentina S.A. 60
Nihon Shoyu Kyokai 16
Nikka Fats & Oils Company, Ltd. 74
Nikken Foods Company Ltd. 93
Nippon Yuryo Kentei Kyokai 159
Nisshin Oil Mills, Ltd. (Japan), The 74
Nissho Iwai American Corporation 93
Nissho Iwai Corporation 74
NKS Eurotrade (UK) Ltd. 66
Noble Bean 63
Noblee & Theorl GmbH 68
Noctorum , Inc. 63, 154
Nolan Company, The 172
Nondairy Frozen Desserts 29
Nondairy Ice Cream Products
See Nondairy Frozen Desserts 29
Nordiskt Forum for Lipid Forskning och Teknologi (LIPIDFORUM) 18
Norfolk Oil Transit, Inc. 172
Norfolk Southern Corporation 172
Norsk Hydro Electrolysers 160
Northern Soy 93
Northrup King Company 93
Nosawa & Company, Ltd. 159
Nosawa New York, Inc. 172
Nutri Meal Products Company 93
NUTRICASA 69
Nutricia - Loma Linda 93
Nutrimul B.V. 78
Nutrisoy Pty. Ltd. 60
Nutritional Food Products India Ltd. 71
Nutritional Products (Thailand) Ltd. 83

O

O. & L. Sels 68
Ocean Freight Line
See Freight Line, Ocean 122
Ocean Port Terminal
See Terminal, Ocean Port 141
Oelmûehle Hamburg AG 68
Ohaus Corporation 172
Ohio River Company & Orgulf Transport Co., The 172
Ohio Soybean Association 22
Oil & Fat Consulting 153
Oil Dryers
See Dryers, Oil 116
Oil Mill Gazetteer 172
Oil-Dri Corporation of America 172
Oil/Protein/Fiber Analyzers 130
Oils & Fats International Magazine & Directory 155
Oils and Seeds Importers Association of India 15
OK Enterprises International Ltd. 93
Oleaginosas del Sureste S.A. 77
Oleaginosas Españolas, S.A. (OESA) 81
Oleica S.A. 65
Oleificio SABO 82
Oleoproteinas del Sureste S.A. de C.V. 77
Oliefabrieken Debeil N.V. 61
Oliver Manufacturing Company, Inc. 172
Olivex Ltd. 72
Oljynpuristamo Oy 66
Omnion, Inc. 173
ONIDOL - SOJA 14
Ontario Soybean Growers' Marketing Board 13
Opco Industries Ltd. 79
Organic Foods Production Association of North America (OFPANA) 22
Organically Grown Soybeans 42
Organization Nationale Interprofessionnelle des Oleagineux (ONIDOL) 14
Oriac International 63, 154
Osmonics Inc. 173
Osterreichische Unilever/Kuner Nahrungsmittel 60
Oswal Agro Mills Ltd. 71
Ota Tofu Company 93
Oxford Analytical Inc. 173
Oxford Instruments Industrial Analysis Group. 155

P

P.A.T.M. Company 93, 173
Pacific Foods 93
Pacific Soybean & Grain 93
Packaging Equipment & Supplies
See Soyfoods Packaging Equipment & Supplies 130
Pagaza & Sons Company 93, 173
Paine Webber, Inc. 173
Pakistan Poultry Association 17
Paksoy Ticaret ve Sanayi AS 84
Panda Food Products, Inc. 93
Parkans International, Inc. 173
Pasir Gudang Edible Oils Sdn. Bhd. 75
Patel Brothers Services & Engineering Pvt. Ltd. 158
Patum Vegetable Oil Company, Ltd. 83
PdT International, Inc. 93
Pellerin/Zenith, AB 161
Pelleting Equipment 130
Pendleton Oil Mill, Inc. 93
Penta Manufacturing Company, Inc. 93
Perdue Farms, Inc. 93
Perdue, Inc. 93
Perstorp Analytical, Inc. 173
Perten Instruments North America 173
Philippine Association of Feed Millers, Inc. 17
Phillips 66 Company 173
Phys-Chem Scientific Corp. 173
Physical Refining/Neutralization Equipment
See Refining/Neutralization Equipment, Physical 134
Picard GmbH & Company KG, Carl Aug. 156
Picard Inc., C. A. 173
Pillsbury Company, The 93
Pioneer Hi-Bred International, Inc. 93
Pitt-Des Moines, Inc. 173
Pizsoy, The Original ... 96
Plant Construction
See Construction Contractors, Complete Plants; Construction Contractors, Protein Plants 108
Plant Maintenance Service Corporation 173
Plenty Canada/Sri Lanka Soya Project 18, 82
Plenty U.S.A. 22
Plenty, Canada 13
PMS Foods, Inc. 93
Pokonobe Industries Inc. 63
Ponndorf Maschinenfabrik GmbH 156
Pope Testing Laboratories, Inc. 173
Port of Houston Authority 93, 173
POS Pilot Plant Corporation 154
Prater Industries, Inc. 173
Praxis Business & Economic Studies 173
Premier Industries (India) Ltd. 71
President Enterprises Corp. 83
Presses, Continuous Screw 130
Presses, Filter 132
Presses, Hydraulic 132
Prestige Foods Limited 71
Prices of U.S. Soybean Oil (T) 196
Prices of U.S. Soybeans: No. 1 Yellow (T) 192
Prices of U.S. Soybeans: Received by Farmers (T) 192
Primeros Hidrogenadores de Aceites y Grasas Ecuatorianos S.A. 65
Pro-Fab, Inc. 173
Pro-Seed, Inc. 93
Process Engenharia Industrial Ltda. 153
Process Systems, Inc. (PSI) 173
Prochem Mixing Equipment Ltd. 154
Prochem Mixing Equipment, Inc. 173
Procter & Gamble Ltd. 66
PRODEXPORT S.A. 18
PRODSYRIO Division of V/O EXPORTKHLEB 18
Producers Cooperative Association 93
Product Development
See Consultants, Product Development 111
Productora Nacional de Alimentos Balanceados S.A. 64
Productos Alimenticios Delicias S.A. de C.V. 77
Produtora e Refinadora de Oleos, S.A. (PRAZOL) 80
Profat Courtage 67
Professional Farmers of America 173
Progressive Development Intl., Inc. 174

Proin, Inc. 174
Promagri S.A. de C.V. 77
Promexport Canada Ltd. 63, 154
ProSoya Foods International, Inc. 154
Protein Analyzers, See Oil/Protein/Fiber Analyzers 130
Protein Dirivates Limited 79
Protein Research Associates ..93, 174
Protein Technologies International, Inc. 60, 61, 63, 66, 67, 68, 73, 74, 75, 77, 80, 82, 83, 94, 98
Proteinas Basicas, S.A. de C.V. 77
Proteinas Industriales La Laguna, S.A. de C.V. 77
Proteinas Naturales, S.A. de C.V. 77
Proteinas y Aceites del Bajio, S.A. de C.V. (PROTABSA) 77
Proteinas y Grasas S.A. (PROGRASA) .69
Proteinas y Lacteos de Mexico, S.A., (Prolak) 77
Publications/Informational Services .133
Pulverizing Equipment 133
Punjab Cooking Oil (Pvt) Limited ...79

Q

Quadro, Inc. 174
Quality Control/Metal Detection 134
Quality Food Oils, Inc. 94
Quimica Sumex, S.A. de C.V. ..77, 157
Quincy Soybean Company 94
Quincy Soybean Company of Arkansas 94
Quong Hop & Company 94

R

R & D Equipment Sales Company 174
Rahatin Industries Ltd. 61
Railroad Company
See Freight Line, Railroad Company 123
Rainey Commodities, Inc. 94
Raision Tehtaat Oy Ab 66
Rajasthan Vanaspati Products Ltd. ..71
Rapat Corporation, The 174
RBD Technologies 174
Recyclers, Spent Catalyst
See Spent Catalyst Recyclers 141
Refined Soybean Oil
See Soybean Oil, Refined 41
Refining/Neutralization Equipment, Chemical 134
Refining/Neutralization Equipment, Physical 134
Reinhardt, Jeffrey H. 174
Reinstein & Sons Ltd., A. 78
RELCO Unisystems Corp. 174
Reliance Electric Company 174
Rhône-Poulenc Inc. 174
Riceland Foods, Inc. 94
Rich Products Corporation 94
Ring Around Research Center 94
River Grain Company 174
Riverland Oilseed Processors Pty. Ltd. 60
Roach Ag. Marketing Ltd. 174
Roasters, See Cookers/Extruders/Roasters 114
Robbe 67
Robinson Milling Systems 174
Rolfes Company, George A. 174
ROLIMPEX 17
Rose International 94, 174
Rosewood Products Inc. 94
Roskamp Champion 174
Rotex Inc. 174
Rotterdamsche Margarine Industrie (ROMI) BV 78, 160
Ruari International 157
Ruari International Trading Corp. LTD ..69
Rustco Products Company 94
Rykoff & Company, S. E. 94

S

Sa Bean 174
SAFFOLA Quality Foods, Inc. 94
SAFRAS & Mercado 153
SAIS 82
Salad Dressing 29
Salad Oil
See Cooking/Salad Oil 24
Salamon & Seaber Ltd. 155
Salim Graha, P. T. 72
Salomon Inc., L. A. 174
Sam Lip Oil & Fats Company, Ltd. ...75
Sam Sung Foods Inc. 94
Sam Yang Oil & Feed Company, Ltd. ..75
Samplers, Automatic
See Automatic Samplers 104
SAMRIG S.A. 62
Samudio & Asociados Ltda 154
San-J International, Inc. 94
San-Jirushi Corporation 74
Sanders Elevator Corp. 94, 174
Sangli Dist. Soyabean Producers & Processing Co-op. Socy Ltd. 71
Sanitizing Equipment & Supplies
See Cleaning/Sanitizing Equipment & Supplies 106
Santa Fe Tempeh 94
Sardar Oil Mills Limited 79
Sato & Company, Ltd. 159
Sauer Company, The C. F. 94
Saumweber GmbH., A. 68
Savola Company, The 30
Saybolt & Company, Inc., E. W. ..174
Scaldiswerken Ruien N.V. 61
Scales 134
Scandura, Inc. 174
Schipke Engineers 174
Schlagel, Inc. 174
Schnupp's Grain Roasting, Inc. ..94, 174
Schoeller-Bleckmann G.m.b.H. ...152
Schokhi Industrials Pvt. Ltd. ...71, 158
Schouten Group N.V. 79
Schouten USA Inc. 94
Schroeder, Inc. 174
Schuback & Sohne, Johannes ...68, 158
Schumacher, Hermann 156
Schwäbische Hüttenwerke GmbH (SHW) 156
Scoular Grain Company 94, 175
Screeners/Screening Equipment ..135
Screw Conveyor Corporation 175
Seaboard Trading Limited 94, 175
Seedburo Equipment Company ...175
Separators
See Fat Splitters/Separators ..120
Separators, Inc. 175
SERCOM S.A. 67
SERVCO S.p.A. 158
Service de Industries Alimentaires Direction de l'Industrie 17
Seymour Organic Foods 95
SGS Control Services, Inc. 175
Shanzer Grain Dryers 175
Share of World Soybean and Product Exports (G) 207
Share of World Soybean Production by Major Countries and All Others (G) 186
Shefa Protein Industries Ltd. 72
Shemen Ind. Ltd. 72
Shemen Industries Ltd. Etz-Hazayith Ltd. 72
Shivvers, Inc. 175
Shortening
See Soybean Oil Shortening 38
Shortening Equipment 135
Showa Sangyo Company Ltd. 74
Showa Sangyo Company, Ltd., Kashima Factory 74
Showa Sangyo Company, Ltd., Kobe Factory 74
Showa Sangyo Company, Ltd., Tsurumi Factory 74
Shree Mansingka Oil Mills Ltd. 71
Shree Shiv Shakti Ghee Udyog Pvt. Ltd. 78
Shuster Certified Seeds 95
SHW, Inc. 175
Siegel Chemical Export Corporation 95
Siftex Equipment Company 175
Sigco Sun Products, Inc. 95
Sikes Machine Shop, Inc. 175
Silo Storage
See Elevator & Silo Storage 117
Simeral & Company, Inc., W. M. 95
Simes, Inc. 175
Simons-Conkey, Inc. 175
Simons-Eastern Consultants Inc. ..175
Simple Soyman, The 95
Simulated Meat Products (Analogs) 30
Sinar Technology 156
SK Industries 71
Skandinavisk Levnedsmiddel Rådgivning A/S 64, 155
SKET - Schwermaschinenbau-Kombinat Ernst Thälmann 156

Slidell, Inc. 175
Smico Manufacturing Corp. 175
Smith & Company, Inc., A. R. 95, 175
Smith, Barney, Harris, Upham & Company, Inc. 175
Snow Brand Milk Products Company, Ltd. 74
Soap & Detergent Association, Glycerine & Oleochemical Division, The 22
Soapstock Equipment 135
Soc. Productores de Leche S.A. (SOPROLE) 63
Sociedad Aceitera del Oriente S.A. (SAO) 62
Sociedad Iberica de Molturacion, S.A. (SIMSA) 82
Societe d'Exploitation Des Produits Oleagineux (SEPO) 77
Societe Industrielle des Oleagineux (SIO) 67
Societe Interoleagineuse D'Assistance et de 14
Societe Mediterraneene pour les Echanges et les Realisations Commerciales (SOMERCOM) 67
Société Soy 67
Sogip 67
Soja Innovation Alimentaire (SOJINAL) 67
Soja International Switzerland Ltd. 69
Solait International, Ltd. 95
Solbar Hatzor Ltd. 72
Solnuts B.V. 79
Solnuts, Inc. 95
Solvent Extraction Distillation Equipment 136
Solvent Extraction Equipment 136
Solvent Recovery Condensers
  See Condensers, Solvent Recovery 107
Solvent Vapor Detection & Control 137
Solvents 136
Sonne, Inc. 95
Sonntag, PhD., Norman O. V. 175
Soon Soon Oilmills SDN BHD 75
Sopropêche 67
Sortex Ltd. 156
Sosland Publishing Company 175
South American News Agency, Inc., The 175
South River Miso Company 95
Southern Soya Corp. 95
Southern Testing and Research Laboratories, Inc. 175
Sovex Natural Foods, Inc. 95
Soy Fiber 30
Soy Flakes (Full Fat) 30
Soy Flour 30
Soy Flour, Full Fat 31
Soy Flour, Textured 32
Soy Flour/Soy Protein, Industrial-Grade 32
Soy Foods (F&W) Ltd. 82
Soy Grits 32
Soy Power Company, Inc. 95
Soy Protein Concentrates 33
Soy Protein Council 22
Soy Protein Equipment & Supplies 137
Soy Protein, Industrial-Grade
  See Soy Flour/Soy Protein, Industrial-Grade 32
Soy Proteins, Isolated
  See Isolated Soy Proteins 27
Soy Sauce 33
Soy Sterols & Tocopherols 34
Soy-Based Foods, Other 34
Soy-Cot Sales, Inc. 95
Soya Foods 156
Soya Glossary 210
Soya Hellas S.A. 69
Soya Mainz GmbH & Co. Kommanditgesellschaft 68
Soya Processing (Chart) 219
Soya Products (Chart) 220
Soyarie, Inc., La 63
Soyatech, Inc. 175
Soybean and Product Exports by Major Countries (G) 207
Soybean Breeder 34
Soybean Digest 175
Soybean Fatty Acids 34
Soybean Hulls 34
Soybean Meal 36
Soybean Oil Margarine 37
Soybean Oil Products, Edible 37
Soybean Oil Shortening 38
Soybean Oil, Crude 38
Soybean Oil, Crude Degummed 39
Soybean Oil, Fractionated 40
Soybean Oil, Hydrogenated 40
Soybean Oil, Industrial-Grade 41
Soybean Oil, Refined 41
Soybean Processors Association of India (SOPA), The 15
Soybean Seed Supplier 42
Soybean Usage in the U.S. (G) 190
Soybeans 42
Soybeans, Food Use 42
Soybeans, Organically Grown 42
Soyeh Natural, Inc. 95
Soyfoods 43
Soyfoods Association of America 22
Soyfoods Center 175
Soyfoods Equipment & Supplies
  See Soymilk & Tofu Equipment & Supplies 138
Soyfoods of America 95
Soyfoods Packaging Equipment & Supplies 137
Soyfoods — Composition and Nutrient Content (Chart) 223
Soymilk & Tofu Equipment & Supplies 138
Soymilk, Drinks or Beverages 43
Soymilk, Spray-Dried 44
Soynuts 44
Soypro International, Inc. 175
Soyworld, Inc. 95
Spads Biotechnica (P) Ltd. 71, 158
Sparks Companies, Inc. 176
Specialty Fabrication, Inc. 176
Specialty Grains, Inc. 95
Spent Catalyst Recyclers 141
Spinks Clay Company, Inc., H. C. 176
SPP Cambridge 66
Spray-Dried Soymilk
  See Soymilk, Spray-Dried 44
Spray-Dried Tofu
  See Tofu, Spray-Dried 46
Spring Creek Natural Foods 95
Springfield Creamery 95
Sprout-Bauer, Inc. 176
Staley Manufacturing Company, Gunther Division, A. E., 95
STAR Stabilimento Alimentare S.p.A. 73
Star Systems, Filtration Division 176
State Trading Corporation of India Ltd., The 15
Steelcraft Corporation 176
Step Ltd. STI 161
Stern & Sons, Inc., Jacob 95
Stern-Lecithin & Soja Gmbh & Co. KG. 68
Stine Seed Farm, Inc. 95
Storage Equipment & Supplies
  See Buildings, Flat Storage; Elevator & Silo Storage; Fumigants; Tanks, Crude Oil Storage 105, 117, 123, 141
Storage, Bulk Liquid 141
Stord International A.S. 160
Stout Industrial 176
Strayer Seed Farms 95, 176
Stuart Equipment Company 176
Sturtevant Inc. 176
Süd-Chemie AG 157
Sulzer Chemtech 176
Sulzer-Escher Wyss GmbH 157
Sumitomo Corporation 74
Sumitomo Corporation of America 95
Summercorn Foods, Inc. 96
Superior Welding Company 176
Surata Soyfoods, Coop. 96
Surveys
  See Weighing Services & Surveys 142
Svegma, AB 161
Swaika Oil Mills 71
Swan Gardens, Inc. 96
Sweco, Inc. 176
Sweet Manufacturing Company 176

T

Ta Ti Hsing Machinery Company, Ltd. 161
TAGOL S.A. 80
Taiwan Feed Industries Association 18
Taiwan Soy Sauce Industry Association 19
Taiwan Tofu Association 19
Taiwan Vegetable Oil Manufacturers Association 19
Takai Tofu & Soymilk Equipment Company 159
Tanaco Products 176
Tankay S.A. 60

Tanks, Crude Oil Storage............141
Tata Oil Mills Company Ltd., The 71
Taus Trading Company.........96, 176
Tay Shan Enterprise Company Ltd. ..83
Taylor Company Inc., James C. 96
Taylor-Stiles Division, J. H. Day Company..............................176
Technomic Publishing Co., Inc. 176
Tecnintegral Ltda. 154
Tempeh 44
Temperature Monitors................141
Terminal, Ocean Port 141
Terminal, U.S. Interior Port 141
Terral-Norris Seed Company, Inc. ..96
Teth Beth Ltd. 72
Texaco Chemical Company 176
Textured Soy Flour See Soy Flour, Textured 32
Thai Vegetable Oil Co. Ltd. 84
Thanakorn Vegetable Oil Products Company 84
Thionville Laboratories, Inc. 176
Thywissen GmbH, C. 69
Tiger on Spreads 176
Timmins Group, Inc. 96, 176
Tintometer Ltd., The....................156
TNO Nutrition and Food Research ...17
Toasters, See Cookers/Extruders/Roasters 114
Tocopherols See Soy Sterols & Tocopherols ...34
Toepfer International, Inc., Alfred C. 96
Tofu See Tofu & Tofu Products 46
Tofu & Tofu Products 46
Tofu Equipment & Supplies See Soymilk & Tofu Equipment & Supplies 138
Tofu Palace Products 96
Tofu Shop......................................96
Tofu Shop Specialty Foods Company, The 96
Tofu, Spray-Dried 46
Tofukost-Werk TKW GmbH 69
Tofutti Brands Inc. 96
Tokyo Grain Exchange, The 16
Tomanetti Foods, Inc. 96
Tomen America 96
Torigoe Flour Milling Company, Ltd. 74
Toshoku Ltd. 74
Total World Soybean Production (G) ..187
Townsends, Inc. 96
Toyo Oil Mills Company, Inc. 74
Toyomenka (America), Inc. 96
Trading Corp. LTD 157
Traditional Soyfoods (Chart) 222
Tramco, Inc. 176
Transac, Inc. 176
Transcomércio, Companhia de Comércio Internacional, S.A. 80
Transportation See Freight Line, Barge; Freight Line, Ocean; Freight Line, Railroad Company; Freight Line, Trucking.........................122, 123
Tree of Life, Inc. 96
Tri-City Regional Port District 176
Tri-Star Soya Products Ltd. 71
Triple/S Dynamics, Inc. 176
Trucking Firm See Freight Line, Trucking 123
Tumaros, Inc. 96
Tuottajain Rypsi Oy 66
Turtle Island Foods 96
Twin Oaks Community Foods 96

U

U.S. Department of Agriculture ...22, 177
U.S. Dept. of Agriculture, Foreign Agricultural Service, Oilseeds & Products Division......................22
U.S. Edible Fats and Oils: Supply and Disappearance (T)............201
U.S. Exports: Soybean and Cotton Seed Oils, U.S. Commercial and P.L. 480 (T) 205
U.S. Exports: Soybean Oil by Country of Destination (T) 204
U.S. Exports: Soybean Oil, P.L. 480, Title I and III by Country of Destination (T) 205
U.S. Exports: Soybean Oil Seed Cake and Meal by Country of Destination (T) 204
U.S. Exports: Soybean, Cotton Seed and Sunflower Seed Oils by Country of Destination (T) 206
U.S. Exports: Soybeans by Country of Destination (T) 203
U.S. Farm Marketings of Soybeans (T) 194
U.S. Interior Port See Terminal, U.S. Interior Port .141
U.S. Oil Seed Cake and Meals: Supply, Disposition and Price (T) ..197
U.S. Petrolon Industrial, Inc. 177
U.S. Soybean Acreage, Yield and Production (T) 181
U.S. Soybean Crop Value (T).......193
U.S. Soybean Exports As A Percent of Total Usage (G) 190
U.S. Soybean Exports by Month (T) ...202
U.S. Soybean Exports by Port and Country of Destination (T) 203
U.S. Soybean Harvested Acreage by State (T) 182
U.S. Soybean Meal and Oil: Supply and Disposition (T) 189
U.S. Soybean Meal: Average Wholesale Price (T).................195
U.S. Soybean Meal: Beginning Stocks, Production, Exports and Domestic Disappearance (T) ...196
U.S. Soybean Meal: Prices Paid by Farmers (T) 195
U.S. Soybean Oil Utilization (T) ...200
U.S. Soybean Oil: Supply, Disposition and Price (T) 200
U.S. Soybean Planted Acreage by State (T) 182
U.S. Soybean Planting and Harvesting Dates (T) 181
U.S. Soybean Price Support Operations (T) 193
U.S. Soybean Production by State (T) 183
U.S. Soybean Yield by State (T) ..183
U.S. Soybeans: Supply, Disposition, Acreage/Yield and Price (T) 189
U.S.O.P. Ltd. 157
UDY Corporation 177
Underwood Company, Inc., H. J. ..96
Unichema Chemie GmbH............157
Unichema North America 177
Union Pacific Railroad 177
Union Tunisienne Industrie du Commerce et de l'Artisanat (UTICA) ..19
Unisoya, Inc. 63
United Catalysts Inc. 177
United Clays Inc. 177
United Edible Oils, Inc. 96
United Soya Products Ltd. 71
United Soybean Board 22
United States Department of Agriculture United States Standards for Soybeans 216
Universal Edible Oils, Inc. (UNEDO) .96
UOP 177
Urschel Laboratories, Inc. 177
USDA Soybean Germplasm Collection.................................22
Used Equipment 142

V

V. R. B. Enterprises 177
Value of U.S. Soybean Products and Crush Margin (T) 194
Vamo Mills N.V. Agency Germany 69
Vamo Mills S.A. 67
Vamo Mills, N.V. 61
Van den Bergh Foods 96
Van Den Berghs & Jurgens Ltd. 66
Van Sickle, Allen & Associates, Inc. ..177
Vandemoortele, N. V. 61
VAREX Corporation 177
Vegetable Oils (Nigeria) Ltd. 79
Vegetarian Awareness Network — VEGANET 22
Vegetarian Times Magazine 177
Vegoil Trading Company Ltd. 83
Verband der Futtermittelindustrie 12
Verband Deutscher Oelmuhlen e.V. .14
Verein der Getreidehandler der Hamburger Borse e.V. 14
Vereniging van Nederlandse Fabrikanten van Eetbare Olien en Vetten (VERNOF) 17
Vippy Solvex Products Ltd. 71
Vitasoy (USA) Inc. 97
Vitasoy International Holdings Ltd., The 69
Votator, Cherry Burrell Process Eq. Div. 177

W

W. D. & J. International 97
Walker Stainless Equipment Company, Inc. 177
Walter Maschinebau GmbH 157
Walter Rau Neusser Oel und Fett AG ..69
Wan Jia Shiang Brewery Company Ltd. 83
Warehousing See Storage, Bulk Liquid; Terminal, Ocean Port; Terminal, U.S. Interior Port......141
Warning Systems 142
Wasches Machine Shop, Inc. 177
Waste Water Treatment Equipment ..142
Waters Chromatography Division 177
Watt's Alimentos S.A. 63
Weigh Right Automatic Scale Company 177
Weigh-Tronix, Inc. 177
Weighing Services & Surveys 142
Wellens & Company, Inc. 97
Wellwide Int'l. Ltd. 69
Wenger International Inc. 177
Wenger Manufacturing, Inc. 177
West Bend Elevator Company 97
West Central Cooperative 97
West Weigh Scale Company 177
Westbrae Natural Foods 97
Western-Commercial Transport, Inc. .177
Westfalia Separator AG 157
Westinghouse Electric Corporation ...177
White Flakes for Edible Purposes .46
White Wave, Inc. 97
Whole Soybean Snacks See Soynuts 44
Wilbur-Ellis Company 97, 177
Wildwood Natural Foods 97
William Connolly & Sons Ltd. 72
Williams Mill Supply Company, H. R. 178
Wilsey Foods, Inc. 97
Witt Corrugating, Inc. 178
Witter, Inc., D. W. 178
Wollner & Associates, Joel ...97, 178
Woodson-Tenent Laboratories, Inc. 178
World Grain Magazine 178
World Major Oil Seeds: Supply and Utilization (T) 198
World Major Protein Meals: Supply and Utilization (T) 198
World Major Vegetable and Marine Oils: Supply and Utilization (T) ...199
World Soybean Production (T) 188
World Soybean Production by Major Producing Countries and All Others (G) 186
World Soybean Production, Forecast of Market Share, 1990/91 (G) 187
Worthington Foods, Inc. 97
Wurster & Sanger, Inc. 178
Wysong Corporation 97

Y

Yamasa Shoyu Company, Ltd. 74
Yancey Ag Networks 178
Yaupon Soyfoods 97
Yeo Hiap Seng (M) BHD 75
Yeo Hiap Seng Ltd. 81
Yoshihara Oil Mill, Ltd. 74
Younglove - Planners, Engineers, Constructors 178
Yuryo Yushutsunyu Kyogikai 16

Z

Zam Zam Enterprises (Pvt) Limited ..79
Zemedelske Zasobovani A Nakup ...13
Zen-Noh Unico America Corporation ...97
Zenkoku Margarine Seizo Kyodo Kumiai 16
Zenkoku Tofu Aburage Shoko Kumiai Rengokai 16
Zimmerman Equipment Company 178
Zone Devices Inc. 178
Zuaitzo Proteinas Vegetales 82

Advertiser Index

Alfa-Laval Beverage Systems A.B. 131
American Oil Chemists' Society (AOCS) 10, 150
Anderson International Corp. 9, 144
APV DTD, Soya Technology Division 242
Archer Daniels Midland Company ....28, 48, 49 and Back Cover
Bean Machines, Inc. 137, 145
Buhler Inc. 100
Bunge Corporation 35
Campro Agra Limited 115
Central Soya Company, Inc. 50
Centrico, Inc. 4
Chrystal Company, Inc., Charles B. 138
Cleary Products, Inc., W. A. 29
Clofine Dairy & Food Products, Inc. 45, 51
Crown Iron Works Company 2
Damman-Croes S.A. 109
Divine Engineering, Inc. 113
DMV USA 52
Edelsoja GmbH 1
Europa Crown LTD. 2
Extraction De Smet S.A., N.V. 8
Fractionnement Tirtiaux, S. A. 125
Frank, Fa. L.I. 31
French Oil Mill Machinery Company, The 121
Grace Company, W. R. ....6, 7 and 146
Hudson Tank Terminals Corporation 241
Identity Seed & Grain Company 43
Illinois Crop Improvement Association 21
Indiana Crop Improvement Association 104
International Soybean Program (INTSOY) 110
Kawanishi Shoko Co. Ltd. 138
Krupp Maschinentechnik GmbH 127
Lactosoy Agency, The 111
Laidig Industrial Systems 147
Lucas Meyer GmbH & Company ....Inside Front Cover
Metal Products International, Inc. 123
Minnesota Waxy 53
Missouri Soybean Merchandising Council 43
Moore & Associates, N. Hunt 119
Mycal Group, Nichii Company of America, Inc. 54
Oil Mill Gazetteer 133
Oil-Dri Corporation of America 148
Parkans International, Inc. 240
Prater Industries, Inc. 129
ProSoya Foods International, Inc. 140
Riceland Foods, Inc. 55, 56
SAMRIG S.A. 33
Sato & Company, Ltd. 139, 149
Solait International, Ltd. 57
Soyatech, Inc. 99
Strayer Seed Farms 58
Tramco, Inc. ....Inside Back Cover
Underwood Company, Inc., H. J. 239
Williams Mill Supply Company, H. R. 135
Woodson-Tenent Laboratories, Inc. 103
Wurster & Sanger, Inc. 2
Zimmerman Equipment Company 117

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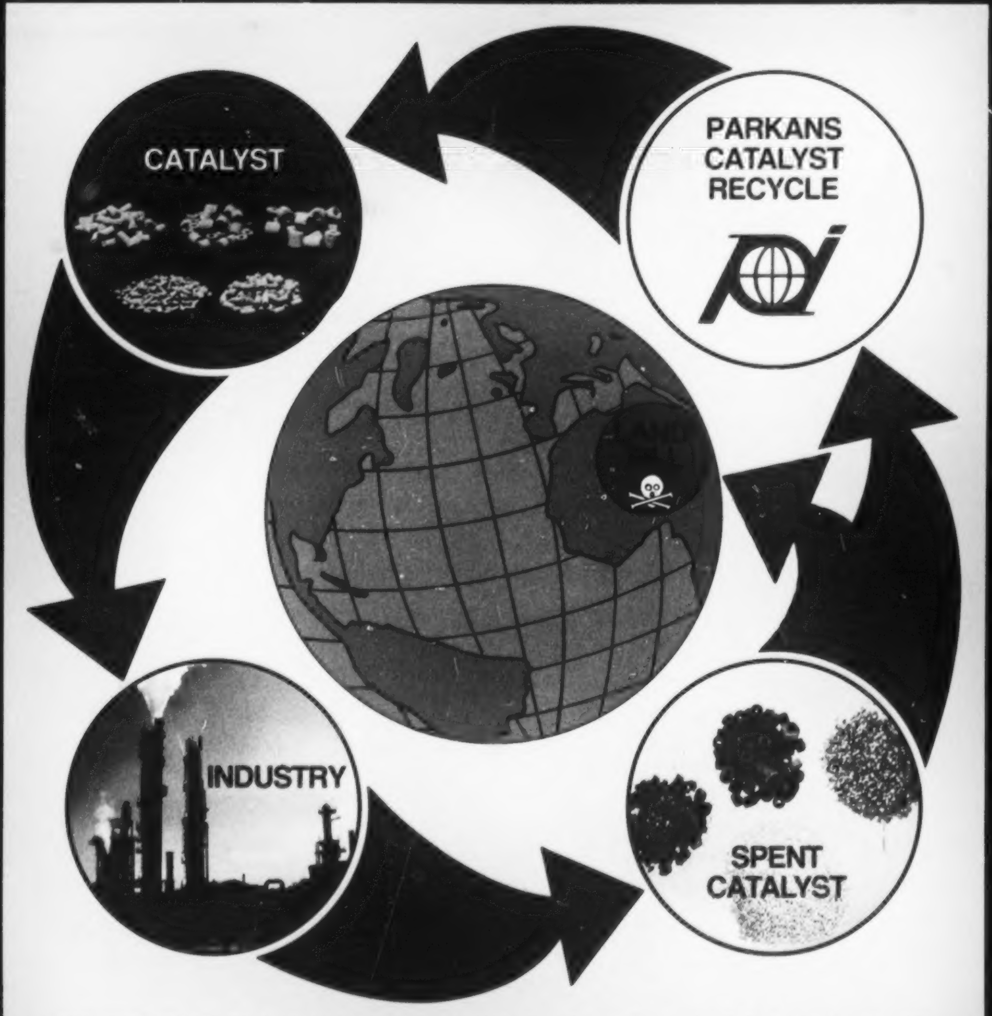

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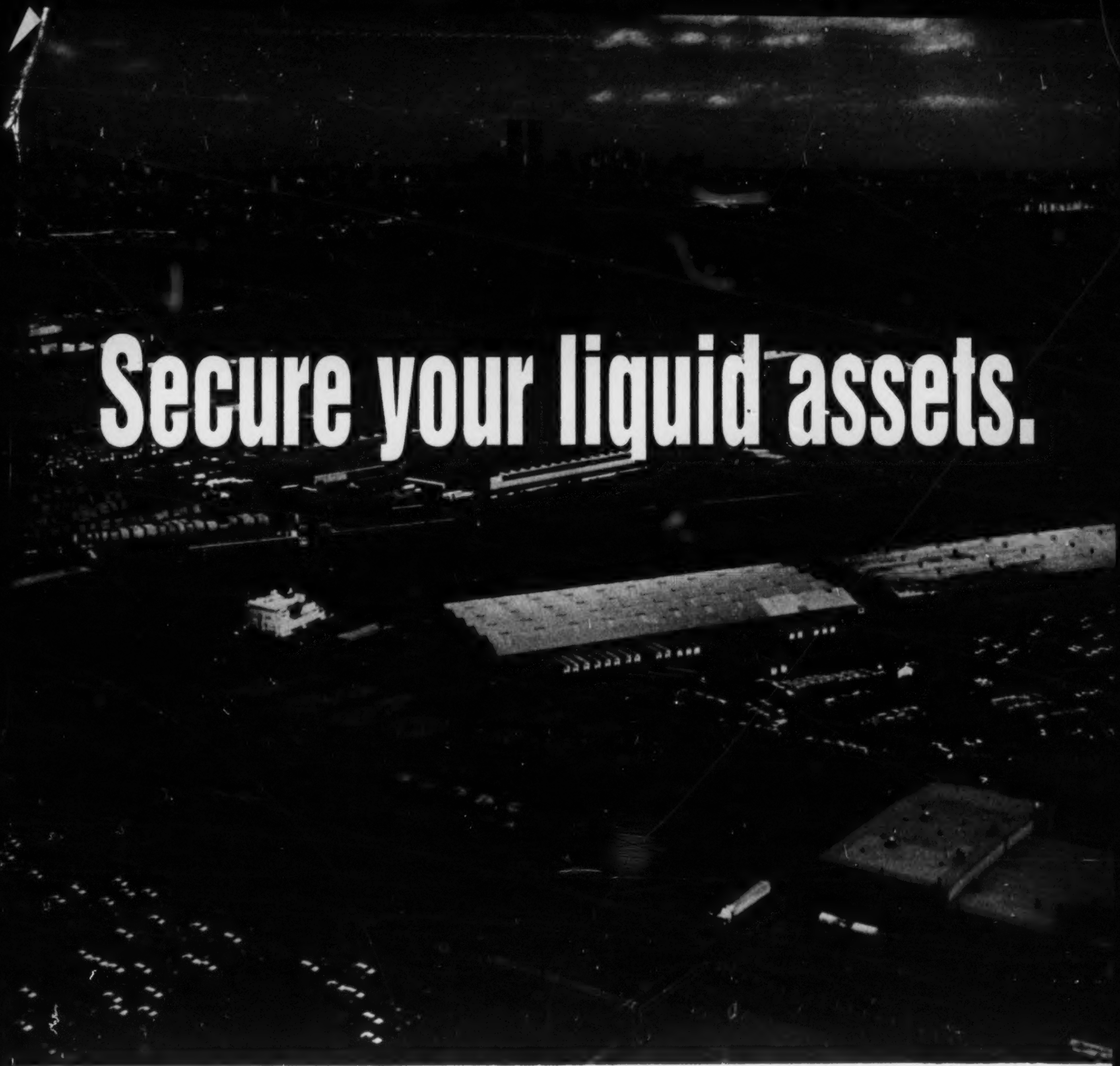

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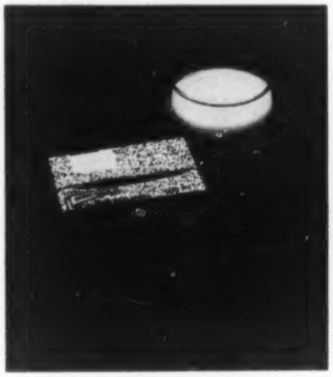

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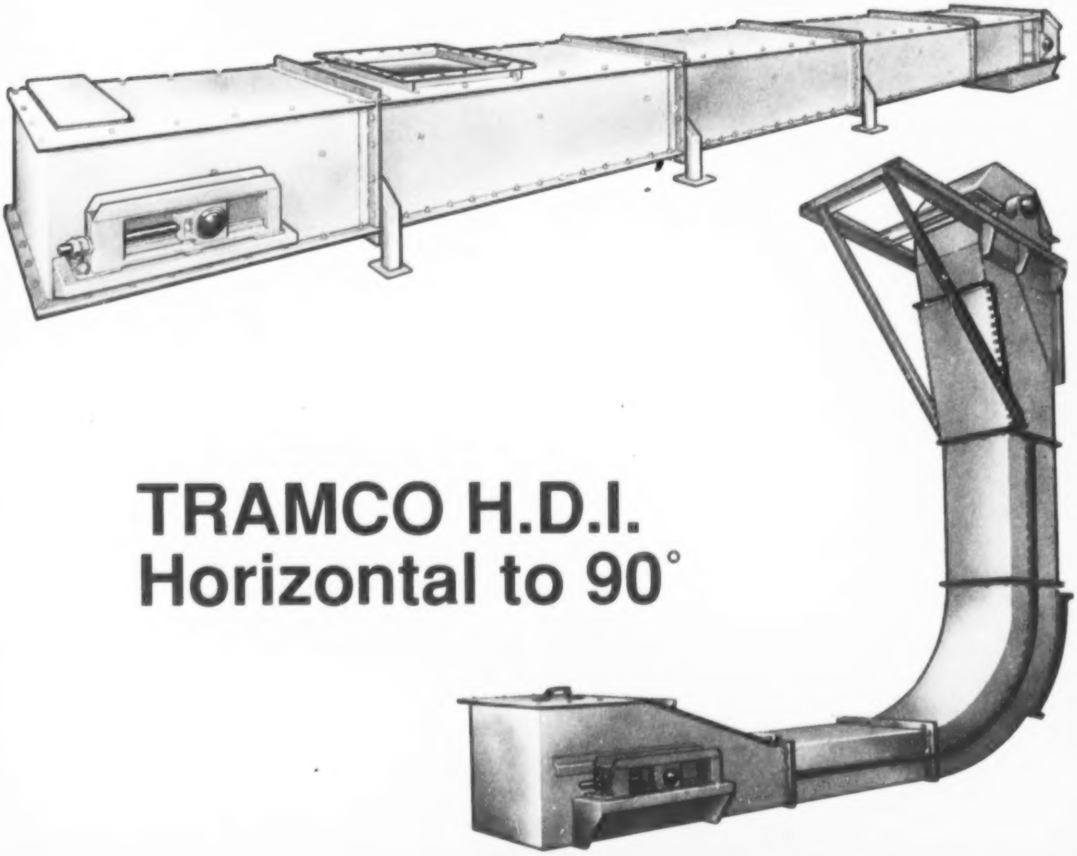

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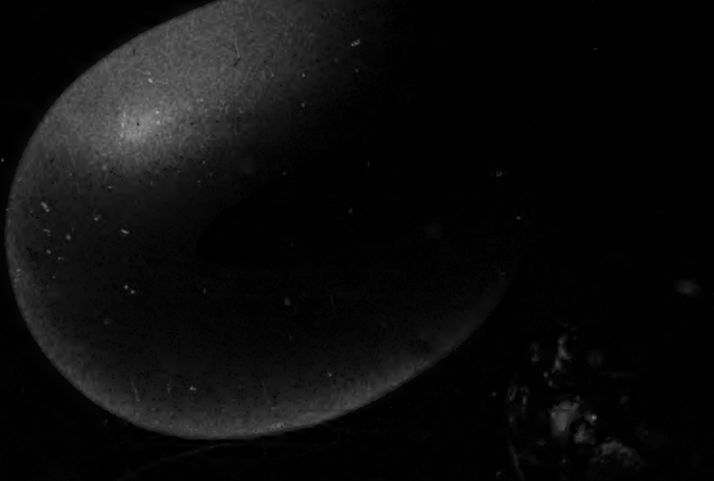

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